AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 6/2 FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC/ AD-A100 249 JAN 72 USAFETAC/DS-81/044 UNCLASSIFIED SBIE-AD-E850 072 1 or 5 40 4100349

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USAFETAC/DS-81/044

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DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

SURFACE WEATHER OBSERVATIONS

FORT SMITH NWT DOT APT N 60 01 W 111 58 ELEV 665 FT. CYSM WMD #72934

PARTS A, C-F

POR FROM HOURLY OBS JAN 57-DEC 66

JAN 21 1972

REC'D FEB 0 3 1972

FOR PUBLIC BUTTON 10 CHALIMITED. TO ASHEVILLE, N. C.

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Wayne E. McColLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN

AWS Scientific and Technical Information Officer (STINFO)

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REPORT DOCUMENTATION	PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
T REPORT NUMBER USAFETAC/DS- 81/044	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
Revised Uniform Summary of Surface Observations (RUSSWO)-Ft Smith, No. Territories, Canada	5. TYPE OF REPORT & PERIOD COVERED Final rept. 6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR/4)		8. CONTRACT OR GRANT NUMBER(a)
3. PERFORMING CROANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical A Scott AFB IL 62225	ppl. Center	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/CBD USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 21 JAN 72 13. WOODER OF PAGES
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The following parts are missi Part A- Atmospheric Pheno Part B- Precipitation, Sn Part E- Daily Max, Min, a Daily temperat Snowfall Extreme snow of Climatology Sea-level pres Surface Winds Extreme temper Relative Humidity *Climatological	mena owfall, Snow Dep nd Mean Temp/ Ex cures Atmo lepth Extr ssure Psyc rature Ceil	th treme Max and Min Temp
This report is a six-part statistic Ft Smith, Northwest Territories, It contains the following parts: (A (B) Precipitation, Snowfall and Sno (C) Surface winds; (D) Ceiling vers Summaries (daily maximum and minimum temperatures, psychrometric summary dry-bulb temperature, means and sta	cal summary of s Canada A) Weather Condit www Depth (daily a sus Visibility; S Im temperatures, of wet-bulb tem	urface weather observations for ions; Atmospheric Phenomena; mounts and extreme values); ky Cover; (E) Psychrometric extreme maximum and minimum perature depression versus

DD 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE When Date Entered:

- Percentage frenquency of distribution tables Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 * Northwest Territories, Canada
 ** Ft Smith, Northwest Territories, Canada
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The Period of Record (POR) for Daily Observations is: JAN 57- DEC 66 $\,$

UNCLASSIFIED

SECURITY C'_ASSIFICATION OF THIS PAGE(When Data Entered)

DATA PROCESSING DIVISION USAFETAS OL-1 AIR WEATHER SERVICE (MAC)

SKYCOVER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE ATMOSPHERIC PHENOMENA PATA NOT AVAILABLE EXTREME MAX & MIN YEMP DATA : PART B PRECIPITATION DATA NOT AVAILABLE PSYCHROMETRIC-DRY VS WET BULB SNOWFALL DATA TO MEAN & STD DEV -(DRY BULB, WET BULB, & DEW POINT) SNOW DEPTH DATA NOT AVAILABLE RELATIVE HUMIDITY PART D CEILING VERSUS VISIBILITY PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS,

Summary sheets are emitted when stations maintaining limited observing schedules did not report contain three-hour periods for any particular month during the available period of record. Such miscing cheets are listed below, and are applicable to all summaries prepared from hourly observations.

JAHUARY	APRIL.	20LX	OCTOBER
FEERUARY	MAY	AUGUST	NOVEYBER
MARCH	JUNE	SEPTEMBER	DECEMBER

STATION	O ON SUMMARY	STATION NAME		LATITUDE		LONGITUDE	STATION ELEV (FT)	CALL SIGN	WHO NUMBER
26	102	FORT SMITH NWT DOT APT		N 60	01	W 111 58	665	CYSM	72934
		STATION LOCATIO	N A	ND IN	STRU	MENTA	H NOITA	ISTORY	
NUMBER			TYPE	AT THIS LOC		T		ELEVATION ABOVE	MSL OBS
OF Location		GEOGRAPHICAL LOCATION & NAME	OF STATION	FROM	TO	LATITUDE	LONGITUDE	STATION (FT) TYPE B	AHOMETER DAY
1	Fort Smi	th NWT DOT Apt	С	Jan 57	Dec 66	N 60 01	W 111 58	665 N	/A 24
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NUMBER OF	DATE OF	SURFACE WIND	EQUIPMENT	TYPE OF	TYPE OF	HT ABOVE	REMARKS, ADDITION	IAL EQUIPMENT, OR RE	ASON FOR CHANGE
LOCATION	CHANGE	LOCATION		TRANSMITTER	RECORDER	GROUND			
ı	Jan 57 to	Not Available		N/A	N/A	N/A		rface observa	
	Dec 66								
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l i				1					
	5081								

USAFETAC FORM 0-19 (OLA)

CONTINUED ON REVERSE SIDE

A

DATA PROCESSING DIVISION ETAC/UMAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART A

WEATHER CONDITIONS

This surwary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Fain and/or Grizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing orizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail . Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above plan acoustic. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smake and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Plowing snbw - Occurrences of blowing snow (also drifting snow when reported from non-WRAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing opensy - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

SATA PROCESSING DIVISION USAF ETAF AIR EAT ER NESVICE/TAC

WEATHER CONDITIONS

26102 STATION

FIRST STITE NET SHIT APT
STATION NAME

57-66

ALL MONTH

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER COMMITTONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JΔ÷	ALL		-1	. 2	32.9		33.0	2.3		2.7		5.2	7435
le e, is			.1	. 4	27.6		28.0	1.2		• 2		2.0	6768
વ// કરે			. 2	, 2	21.7		22.0	. 3		۰ ۶		. 8	7440
WUN			1.9	• O	10.5		12.2	. 2		• 5	• 0	.7	7200
Yatı		• 1	5.7		3.2		8.8	. 4	• 0		• 0	, 5	7440
يا 2 ا		. 9	9.6	• C	. 3	0	9,8	• 6				.6	7200
JL		1.0	9.0				9.0	• 8	1.0			1.8	7440
4.76		. 7	8.4				8,4	1.4	•1			1.5	7440
SEP		• 0	12.3		1.5	• 0	13,8	2.6				2.6	7200
BCT			5.7	. 9	14.6		20.7	3.4		• 2		3.6	7440
N S V			• 2	2.3	37.7		39.7	2.8		. 4		3.2	7200
DEC			• 1	. 4	37.4		37.9	2.4		, 9		3.3	7440
TOTALS		• 2	4.4	. 4	15.6	•0	20.3	1.5	• 1	. 4	• 0	2.2	67643

USAFETAC $\frac{\text{FORM}}{\text{JULY 64}} = 0.10-5 \; \{\text{OL+1}\}, \textit{ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE}$

2 HATA PRECESSING DIVISION
USAF ETAC
AIR HEATHER SERVICE/INC

WEATHER CONDITIONS

26102	FIRST SMITS KUT OUT APT	57=66	JAN
STATION	STATION NAME	YEARS	нтиом

FERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	AND OR	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
14	00-02			• 6	35.9		36,0	1.6		3.1		4 . 7	930
	€3=05			.1	38.7		38.7	2.3		2.3		5.1	927
	6=03			. 1	40.0		40.1	4.2		2.4		6.2	923
	19-11		1		29.5		20,9	4.2		2.7		6,9	9 30
	12-14			. 2	30.0		34.2	2.5		3.1		5.6	930
	15-17			. 2	26.8		26.9	1.8		3.1		4,7	930
	10=20		! !	. 3	32.0		32.0	.6		2.3		3,5	930
	21-23		1	. 3	30.5		30.8	1.1		3.3		4.4	930
							: 						
			,										
			í										
TOTALS				. 2	32.9		33.0	2.3		2.9		5.2	7435

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DATA PRHICESSING DIVISION USAF ETAC AIR WEATHER SERVICEZHAC

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WEATHER CONDITIONS

26102	PIRKT SMITH BUT BOT APT	57-66	
STATION	STATION NAME	·· · · · · · · · · · · · · · · ·	EARS

F.E.B. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
p1 F 15	00-02		. 2	• 0	30.3		31.3	1.2		+		1.2	840
	÷3≖05		,4	.1	33.8	<u>-</u>	34.2	1.3		.,,		7.0	846
	⊍ 6≂0 8			•1	32.0		32.0	2,4		1.1		3 . 4	846
	€9-11			.4	29.0		29.0	2.1		1.3		3,4	846
	12-14			, 5	23.3		23,6	. 5		2 • 1		2.6	846
	15-17			. 1	22.2		22.3	. 4	<u>.</u>	1.1		1.4	846
	18-20			,1	23.3		23.4	.7		. 2		. 9	846
	21-23			• 9	27.0		27.9	.9		. 5	·	1.4	846
TOTALS			. 1	4	27.6		28.0	1.2		.9		2.0	6761

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2 DATA PROCESSING DIVISION
USAG ETAC
AIR LEAT ER SERVICE/ MC

WEATHER CONDITIONS

201.2 FORT SMITH NVT OFF APT 57-66 "AR

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UNSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
nΔR	00-02		. 3	. 3	23.0		23.7	. 5		• 21		. 8	930
	03-05		. 2	. 5	27.1		27.7	. 6		. 4		1.2	930
	ე6≖ე5		i	. 4	26.6		27.0	.6		٠,٠		, 9	930
	09-11		.1	. 3	25,2		25.3	. 3		٦,		. 9	930
	12-14		, 4	. 3	18.6		19.0					. 9	930
	13-17		. 3		16.7		17.0			• 71		۹.	930
	14-20		•1		17.8		18.0	. 1		. 3		.4	930
	21=23		• 2		18.5	. ,	1º.6	• 1		. 4		. 5	930
TOTALS	-		. 2	• 2	21.7		22.0	. 3		. 5		, P	7440

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2 DATA PRUCESSING DIVISION USAF ETAC AIR FEATURE DESVICEMAC

WEATHER CONDITIONS

261//2	FIRST SHITE WAT DUT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CHMOITIONS FROM HOURLY URSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00=05		2.4		10.3		12.7	. 1		. 1		, 2	900
	93-05		2.3	. 1	10.6		12.B	. 2				• 2	900
	06≠08		1.7		10.7		12.3	1.0				1.0.	900
	9-11		1.4		13.3		14.4			. 2	. 1	. 2	900
	12-14		2.3		11.3		13.2			, s	• 1	. B	900
	1,5-17		2.3		11.0		13.2			.9	.1	1.0	900
	18-20		1.2		8.1		9.1			. 8		. 8	900
	21-23		1.8		8.4	,	9,8	• 2		. A	· · · · · · · · · · · · · · · · · · ·	1.0	900
TOTALS	[1.9	.0	10.5		12.2	. 2		. 5	•0	.7	720

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DATA PROCESSING DIVISION USAF ETAL AT ER SE VICE/MAC

WEATHER CONDITIONS

20102

FORT SMITH MET OUT APT

57-66

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZŽLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
- A ¥	00-02		5.6		2.6		n . 2	. 4	• 1			, 5	930
	J3=05		5,0		4.4		10.0	. 8	• 2			1.0	930
	06-08		6.1		4.8		10.4	1.3				1.3	930
	09-11		5,4		4,4		9,5	• 5				, 5	930
	12-14	•1	6. 0		2.8		В,В	• 3		! •		.5	930
	15-17	• 2	6.0		2.0		8.1	. 2				. 2	930
	18-20	•1	4.8		2,2		7.0						930
	21-23		5,7		2.6		8,3			\ 	!		930
							-					+	
							-						
~						-						 	
TOTALS		, 1	5.7		3.2		8.8	. 4	•0		• 0	. 5	7440

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CATA PROCESSING DIVISION USAF ETAC AIR PEATTER SERVICE/MAC

WEATHER CONDITIONS

26102	FORT SMITH NET OUT APT	57=66	jUN
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTALS		.9	9.6	•0	. 3	•0	9.8	.6			1	.6	7200
	21-23	•6	8.8		•2		8,9	.1				•1	90(
	18-20	1.6	7.9		. 3		7,9	•1				• 1	900
)5=17	2.6	9.7		• 1		9,8						900
	12-14	1.6	10.6		, 2	•1	10.8	• 2		}		. 2	900
	69-11		10,2		, 4		10.7	.7				.7	900
	06∞08		9,8		• 6		10.1	1.8				1.8	900
	63-05	• 1	9,6	. 1	. 2		9.8	1.4				1.4	900
JUN.	೮0~02	.6	10.3		• 1		10.4	.6				.6	900
MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.

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DATA PRUCESSING DIVISION USAF ETAC AIR SEATIER DERVICE/MAC 2

WEATHER CONDITIONS

26102 STATION FUET SHITH NET OUT APT

57-66

JUL MONTH

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY URSERVATIONS

MONTH	HOUR\$ (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND: OR HAZE	BLOWING SNOW		% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	•6	8.8				н.В	. 4	, 9			1.3	930
	03-05	. 5	8.8				8.8	2.9	1.0			3,9	930
	06≟08	, 5	8,3				8.3	1.6	. 9			2,5	930
	09-11	• 1	7,7		1		7,7	.6	1.2			1.8	930
	12-14	1.1	7,7				7.7	. 2	1.0	 		1.2	930
	15-17	2.2	12.3				12.3	. 1	1.0			1.1	930
	16-20	2.0	8.0				8.0	. 2	1.1			1.3	930
	21-23	, 9	10,5				10.5	. 2	1.0			1.2	930
TOTALS		1.0	9.0				9.0	. 8	1.0			1.8	7440

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DATA PROCESSING DIVISION USAF LTAS AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

26	102	
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FIRT SHITH MET DIT APT

57-66

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	• 2	6,5				6,5	1.1				1.1	930
	03-05	.4	6.7				6.9	4.3	.3			4.4	930
	0 6-0 8	, 3	8,8			 	6,8	4.2	.4			4.6	930
	09-11	, 3	9.0				7.0	1.0	,3			1.3	930
	12-14	, 8	8.7				8,7				 		930
	15-17	2.2	10.5				10,5				 		930
	18-20	1,3	8.1				8.1	,2				. 2	930
	21-23	.4	8.8				8.8	.1				.1	930
TOTALS		.7	8.4				8.4	1.4	•1			1.5	7440

USAFETAC ROBM 0-10-5 (QL-1), PREVIOUS EDMONS OF THIS PORM ARE OBSOLETE

DATA PRUCESSING DIVISION SAF ETAC AIR VEATHER SERVICE/MAC

WEATHER CONDITIONS

26102

FORT SMITS NET OUT APT

57-66

SEP

STATION

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SFP	00-02		10.8		1.0		11.8	2.8				2.R	900
	03-05		12.1		1.6		13.6	6.2				6.2	900
	∪6=08		12.2		2.3		14.6	6.3				6.3	900
	09-11		13,6		1.8		15.2	4.0		ļ 		4.0	900
	12-14	• 1	11.2		1.9	3	13.2	, 4				, 4	900
	15-17	. 2	13.7		1.7		15.1	. 3				. 3	900
	18-20		12.0		. 8		12.7	. 4				. 4	900
	21-23	 	13.0		.9		13.9	• 6				•6	900
TOTALS		•0	12.3		1.5	•0	13.8	2.6				2.6	7200

USAFETAC PORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSIN' DIVISION USAF ETAL AIR MEAT FR SERVICE/MAC

WEATHER CONDITIONS

26102

FO T STITE NET DUT APT

STATION NAME

37-66

OCT

STATION

YEARS

HTNOM

PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1C f	00=02		4.9	. 9	14.0		17.1	2.9		. 2		3.1	930
	03=05		4.3	1.8	16.2		21.7	5.7		. 3		6.0	930
	06-08		4.5	1.6	14.C		19.8	5.8		.4		6.2	930
	09-11		7.1	.1	14.6		21.4	5,1		. 3		5,4	930
	12-14		6.2	. 5	14.5		20.8	1.7		.2		1.9	930
	15-17		5.4	. 4	13.5		18.8	1.3		. 2		1.5	930
	18-20		7.2	. 4	14.8		22.0	2.3		. 2		2.5	930
	21-23		5.9	1.2	15.4		22.0	2.0				2.0	930
TOTALS			5.7	. 9	14.6		20.7	3.4		. 2		3.6	7440

USAFETAC POIM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR MEAT IER SERVICE/MAC

WEATHER CONDITIONS

26102 STATION

FORT SMITH NAT DOT APT

57-66

MUN

MONTH

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZŁE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
VEH	00-02			2.4	41.6		43.6	2.2		• 2		2.4	900
	03-05		• 1	3.2	42.9		45.3	3,6				3.6	900
	06-08		. 2	2.8	41.8		44.4	4.3	!			4.3	900
	09-11		.6	3.1	39.2		42.1	4,3		1.0		5,3	900
	12-14		.4	1.0	33.3		34.7	2.9		1.1		4.0	900
	15-17		• 1	1.3	28.2		29,4	1.7		.9		5.6	900
	18-20		• 1	2.0	34.0		35,4	2,3		• 1		2.4	900
	21-23		, 2	2.8	40•4		42.9	1.3				1.3	900
		! 			-								
	i 												
TOTALS			. 2	2.3	37.7		39.7	2.8		.4		3.2	7200

USAFETAC $\frac{\text{FORM}}{\text{RLY 64}} = 0.10.5$ (OL-1), previous editions of this form are obsolete

CATA PROCESSIN DIVISION JSAF ETAC AIR MEATHER SERVICE/HAC

WEATHER CONDITIONS

STATION NAME

57-66 YEARS

∂E¢ MONTH

STATION

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

HOURS (L S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
(·0=02			, 2	39.6		39.8	7. 0		. 3		2.4	930
C3=05			, 4	38.9		39.2	2.5		. 3		2.6	930
:6-04		.3	• 9	37.1		38.3	3.3		. 3		3,7	930
∩9 -11		. 3	1.1	32.5		33,7	3.9		• 6		4.5	930
12-14		• 1	. 2	38,9		39.0	2 • (1.5		3,5	930
15-17		. 3		35,3		35,5	1.1		1.5		2.6	930
18-20			, 3	36,2		36,5	1.8		1.2	L	3.01	910
21-23			.3	40.6		40.8	2.9		1.0		3,9	930
												7440
	(10=02 (3=05 (6=09 (19=11 12=14 15=17 18=20	(10=02 (3=05 (6=04 (12=14)	HOURS (LS.T.) STORMS AND OR DRIZZLE (10=02 (3=05 (6=04 (3=14 (3=17 (3=20) (1=23)	HOURS (LS.T.) THUNDER STORMS AND OR PRINT & OR PRIZE PRINT P	HOURS (LST.) STORMS AND OR RAIN & OR AND/OR SIEET (10=02 .2 39.6 (3=05 .4 38.9 (6=04 .3 .9 37.1 (19=11 .3 1.1 32.5 (12=14 .1 .2 38.9 (15=17 .3 35.3 (18=20 .3 36.2 (1=23 .3 40.6	HOURS (LS.T.) THUMBER-STORMS AND OR DRIZZLE SLEET HAIL (10=02 .2 37.6 (3=05 .4 38.7) (6=08 .3 .9 37.1 (19=11 .3 1.1 32.5 (2=14 .1 .2 38.9 (3=20 .3 36.2 (1=23 .3 40.6	MOURS THUMBER STORMS RAIN & OR AND/OR SLEET HAIL DBS WITH PRECIP	HOURS (LS.T.) THUMBER AND OR RAIN & OR AND/OR STORMS PRICEP FOG PRIZZLE STORMS PRIZZLE ST. HAR OBS WITH FOG PRIZZLE 39.6 39.8 2.0 39.05 39.05 39.07 37.1 38.3 3.3 39.2 2.5 39.07 3	HOURS (LS.T.) STORMS AND OR PRINK & OR AND/OR STORMS PRINK & OR AND/OR SLEET HAIL OBS WITH FOG HAZE (10-02	HOURS THUMBER STORMS RAIN & OR AND/OR SLEET HAIL OBS WITH FOG AND/OR BLOWING SNOW	HOURS STORMS AND OR RAIN & OR AND/OR DRIZZLE SLEET HAIL OBS WITH FOG AND/OR SNOW AND/OR SAND (10-02	HOURS STORMS DRIZZLE ORIZZLE O

USAFETAC PORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FROCESSING DIVISION ETAC/UBAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Escufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.



MATA PROCESSING DIVISION TACYUSAS AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

102	<u>FU# ▼</u>	SITT	NET DO				57-6	56						L L
STATION			STATIO	H NAME					,	YEARS				MONTH
						ALL WE	ATHER						Δ	L L
		_					LASS						MOUR	\$ (L.S.T.)
		_				cor	IDITION							
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DIR.								-	ļ			1	SPEED
	N	1.3	1.8	2.1	. 8	•0	•0						6.3	6.7
	NNE	. 8	.9	.9	• 2	.0	•0						2.B	5.2
	NE	2.4	1.0	. 5	•0	.0		.0					3,0	4.5
	ENE	.9	.9	.6	.0							·	2.4	5.0
	6	2.0	1.9	1.0		ļ		!			 		5.0	4.8
	ESE	1.0	1.8	1.7	. 3	.0		1		<u> </u>			4.R	6.2
	SE	1.9	3.7	4.9	1.6	.1	.0				+		12.2	7.2

	<u> </u>	¥											
CALM	\sim	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><		\geq	7.3	
VARBL		<u> </u>			L	L				⊥	<u> </u>	<u> </u>	
NNW	. 4	1.7	2.9	1.6	1	.0	.0	<u> </u>	<u> </u>			7.1	8.1
NW	1.5	2.9	5.2	3.1	. 5	• 1	• 0					13,3	8.7
WNW	.6	1.4	2.9	1.6	.2	•0	.0		ļ	1	T	6,5	8.9
w	1.0	1.2	1.4	.6	.1	.0	.0					4.7	6.9
wsw	.0	.7	. 8	• 2	.0	.0						2.4	6.4
SW	1.1	1.0	.7	. 2	.0							3.0	5,5
SSW	.5	. 5	, 5	. 2	.0	•0				T		1.7	6.1
S	1.3	1.7	2.2	.0	• 1	•0			I		T	6.1	7.0
SSE	1.6	2.7	5.4	2.8	.2	• 0	.0			1	1	12.0	8.4
SE	1.9	3.7	4.9	1.6	.1	•0					!	12.2	7.2
ESE	1.0	1.8	1.7	. 3	.0							4 . R	6.2
E	2.0	1.9	1.0	• 1			1				1	5.0	4.8
ENE	. 9	.9	.6	.0			1			-		2.4	5.0
NE	1.4	1.0	. 5	•0	.0		• 0				-	7 3,0	4.5
NNE	. 8	. 9	. 9	• 2	.0	•0					1	2 . B	5.2
N	1.3	1.8	2.1	. 8	•0	•0					7	6.3	6.7

TOTAL NUMBER OF OBSERVATIONS 87643

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26162	PORT SMITH NAT DOT APT	5 7-6 6	JAN
STATION	STATION MAKE	YEARS	MONTH
		ALL MEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	. 8	•1	.0	•0				·		3.4	5.3
NNE	.0	. 4	.1		, Ŭ							1.0	4.0
NE	9	.2	.0									1.7	3.2
ENE	.0	.2	.0									. 6	3.4
E	1.3	1,1	. 2							1	Ī	2.6	3,9
ESE	1.1	1,5	1.4	• 1	• 0							4.1	5.7
SE	2.5	4.1	4.4	. 9	. 1		,					12.7	6.5
SSE	1.4	3,7	4.2	2.3	• 1	_						11.7	7,7
S	1.7	1.3	.7	. 4	• 1							4.2	5,5
ssw	, b	. 3	.1	• 0								1.2	3.8
sw	1.4	1.1	. 4	• 0								2.7	4.3
wsw	. 7	. 8	. 4	• 1				1			I	2.1	5,2
w	1.3	1.6	1.7	. 4	. C							5,1	6,1
WNW	. 9	2.1	4.6	2.6	. 2	. 1	•0					10.4	8.8
NW	2.1	3,8	8,8	6.0	1.1	• 2						22.0	9.4
NNW	1.2	1.6	2.5	1.4	. 1	• 1						6.9	8.0
VARBL													
CALM												8.3	
	19.8	24.8	30.5	14.4	1.8	.4	•0					100.0	6,6

TOTAL NUMBER OF OBSERVATIONS

7435

USAFETAC FORM | 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROBESSING DIVISION ETACYUSAF AIR WEATHER SERVICE/MAG

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

6768

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ol02	FUPT	SMITH	HET DE	TAPT			37-	66		rEARS				E B
		-		-		ALL WE	ATHER LASS						Δ	L L 15 (L S T.)
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.9	1.4	1.1	. 3	.0							4,7	5.5
	NNE	. 4	. 3		• 0								1,3	3,7
	NE	, ö	. 3										1.2	3,5
	ENE	.7	.0	,3									1,6	4.3
	E	2,5	1.4	5	•0					L	1		4,4	4.0
	ESE	1.2	2,2	1.2	•1								4,5	5.3
	SE	2,4	5,4	5,7	1.2	.0							14,7	6,5
	SSE	9	3,4	5,3	2.4								12.0	7.9
	s	1.4	1,6	1.0	. 4				<u> </u>				4,3	5,5
	ssw	, tr	. 3	.3	.0								1.2	4.8
	sw	ر. و	, 4	, 3								L	1.6	4,3
	wsw	. 3	. 3	. 2	. 2	.0							1.0	6,6
	w	1.3	, 9	. 8	. 2								3,?	5,5
	WNW	,7	1,4	3.3	1.6	. 1	<u> </u>						7,2	8,5
	NW	2.8	4.3	8.9	4.8	. 6	•0			Ĺ			21.4	8.4
	NNW	٠,٧	1.8	3.1	1.3	• 1							7.2	7.8
	VARBL													
	CALM			> <						\geq			8.2	

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

20,2 25,9 32,0 12.7

CATA PROGESSING DIVISION ETACZUSAF AIR REATOER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT	SHITH	NWT DUT APT 57-66									1.	AR		
STATION			BTATIO	H HAME						YEARS	-		MONTH		
						ALL WE	ATHER						Ď.	LL	
		_				ć	1488						ноц	85 (L.S.T.)	
		_					DITION								
		_													
F			,		,	,									
ł	SPEED (KNTS)	1.3	4.6	7 . 10	11 . 16	17 . 21	22 . 27	28 . 11	34 . 40	41 . 47	40 . 55	> 44	•	MEAN	ĺ

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.7	2.2	• 7	.0	•0						8.4	5,8
NNE	1.0	, 8	.7	• 1	.0							2,7	5,4
NE	1.5	1.1	. 4									2.9	4.2
ENE	. 9	. 9	. 4									2.2	4.5
E	2.0	2.2	1.0	• 0							.—	5,0	4.6
ESE	1.5	2.4	1.6	. 3								5.9	5.7
SE	2.4	4.6	5,9	1.8	•0							14.8	7.0
SSE	1.0	2,2	5,3	3.3	.3							12.2	8,9
S	. 8	1.2	1.0	. 5	• 0							3.5	6,5
SSW	.2	• 1	.1									, 5	4.4
sw	.7	. 5	, 3									1.5	4.7
wsw	. 3	. 2	.3	.0		Ĺ. <u></u>						.9	5.6
W	.6	.6	1.0	.2								2,4	6.4
WNW	,6	1.4	2.1	1.0	. 2							5.4	8,1
NW	1.7	3,1	6.3	4.0	.6	•0			<u> </u>			15.6	8,7
NNW	1.3	2.0	2.7	1.7	.2							7.9	7.8
VARBL	Ļ,			Ļ.—	ļ					Ļ			
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	7.3	
	19.9	26.2	31.5	13.7	1.4	•1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM $$\rm JUL~644~00.8\cdot 5~(OL\cdot 1)~previous~filitions~of~this~form~are~obsolete}$

DATA PRECESSING DIVISION ETAC/USAF AIR MEATHER SE VICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FUET SMITH NWT DUT APT	57-66	APR
STATION	STATION HAME	YEARS	MONTH
	AI	L WEATHER	ALL
		CLASS	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.3	3.0	1.1	. 1							7.7	7.3
NNE		1.2	1.2	.2								3,4	5,9
NE	1.7	1.6	. 6	.0								3,0	4.4
ENE	1.3	1,1	.7	.0								3,2	4.7
E	1.9	2.7	1.5	• 1								6,3	5.1
ESE	1.1	2.1	1.7	. 2								5,1	5.9
SE	1,5	3,8	6.8	2.6	. 2							15.0	7,8
SSE	. B	2,5	6.3	3.7	. 2							13.5	8.9
S	,7	, 9	1,4	.7	. 2	• 0						3.9	7,9
ssw	, 3	. 2	. 2									. 7	5,8
sw	. 1	,4	.4	.2	.0							1.7	5,8
wsw	, 2	, 2	.2	. 2	. 1							. 9	7.4
w	. 4	.4	,6	.6								2.0	8 . 4
WNW	.4	.9	1.3	1.1	,3	• 0						4.0	7,3
NW	1.0	2,3	4,8	4.2	1.0	, 2						13.5	9,9
NNW	, 8	1.7	4,3	2.5	. 2	.0						10.0	9.0
VARBL													
CALM	><	><			><	><	> <	><	><	><	> <	5.2	
	14,9	24.5	35.0	18.1	2.2	. 2						100.0	7,4

TOTAL NUMBER OF OBSERVATIONS		7200
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USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NUT DOT APT	57=66	* * * * * * * * * *
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

	14.3	25.2	38.7	17.2	1.5	.1						100.0	7.
CALM		> <	>		> <	> <	>>	\times	\geq		\geq	3.2	
VARBL		1							1				
NNW	.7	1.7	3.9	2.2	.1							8.6	8,
NW	.9	1.8	3.8	2.3	. 2							9.0	8,
WNW	. 3	. 7	1.2	. 8	•1	•0						3.2	9,
w	.6	.7	.7	.7	.1				i			2.8	7,
WSW	. 3	.3	.6	• 4	.1	•0						1.9	8.
SW	. 8	.7	.7	.3	.1							2,5	6,
SSW	. 3	.6	.4	. 3	.0				 			1.6	6.
5	. 8	. 9	2.3	1.2	•1				 			5.3	8.
SSE	. 5	1.7	4.0	2.4	.2	•0			 			8.9	9,
SE	. 8	3.0	4.8	2.5	.3				 			11.5	8.
ESE	. 8	1.9	3.6	1.0	.1	·	<u> </u>					7.3	7,
E	1.8	2.8	2.7	.3			 		 	 		7.5	5.
ENE	1.0	2.0	1.6	-1			 	 	 -	1		4.8	5.
NE	2.0	1.9	1.6	•2				 		 i		5.7	5.
NNE	1.7	2.4	2.4	• 7	• 4		 	 				5.8	7.
	1	2 4	4 3	1.9								10.3	7.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) previous editions of this form are obsolete

DATA PROCESSING DIVISION ETACOUSAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SHITH NET DOT APT	57=66		JUN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L S.T.)
		CONDITION		

	17.0	26.5	34.0	14.7	1.4	12	.0]			100.0	6.9
CALM	\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	6.1	
VARBL							L	L					
HMW	96	1.8	3.4	1.9	. 2							7.9	8,
NW	1.0	2.0	3.5	2.3	, 5	• 1						9,5	9,
WNW	. 4	, 9	1.8	1.1	.2	• 0	.0					4.5	9.0
w	.9	.9	1.1	.3	.0							3,2	6,4
wsw	.7	. 8	.9	.4	.0							2.8	6.
sw	1.2	1.1	.8	.4	.0							3.5	5.9
ssw	. 6	.8	. 8	. 3	.0							2.7	6.2
s	1.1	1.8	2.9	1.4	.1				1			7.3	7.
SSE	. 8	2.3	4.3	2.4	. 2	•0						10.0	8.
SE	1.5	3.4	4.5	1.9	•1							11.5	7.
ESE	. 8	1.8	1.7	.3	 		 		t			4.7	6.3
E	2,0	2.3	1.3	.2	 			 	 	 		3.9	5.1
ENE	, 6	1.3	1.0	.1				 	 			3.2	5.7
NE	1.9	1.6	1.0	•1					 	<u> </u>		4.5	4.6
NNE	1.0	1.9	2.1	.5	• •	• •		 	 -			5.5	6
N	1.3	1.8	3.0	1.2	.0	•0		 	 		<u> </u>	7.3	7, 1
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETACYUSAF AIR SEATEER SENVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DUT APT	57-66		jUL
STATION	BYATION NAME		YEARS	MONTH
		ALL WEATHER		ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	2.5	.7		•0						7.0	6.5
NNE	.7	. 8	1.1	.2								2,8	6.2
NE	1.5	1.4	.7	. 1								3.6	4.6
ENE	1.0	1.1	. 7	• 1								2,8	5.1
Ę	2.0	2.6	1.0	.1			I					5.6	4.7
ESE	.6	1.7	1,3	• 2								3.A	6.1
SE	1.4	3.2	3.8	. 9	.0							9.4	6.8
SSE	.7	2.1	4.1	1.7	.1							8.7	8.1
5	1.1	2.2	3.1	1.2	.1							7.7	7.3
ssw	.0	. 8	1.2	.6	.0							3.3	7,3
SW	1.1	1.5	1.5	.6	.0							4.7	6.7
WSW	.6	. 9	1.0	.4	.0	•0						2,9	6,9
w	.7	1.4	1.7	. 4	.0							4.3	6.8
WNW	.6	1,5	2.3	1.4	• 1			<u> </u>				5,9	8.4
NW_	1.2	3.1	5.6	3.2	.3	•1						13.5	8.6
MNW	. 9	1.7	3.3	1.5	•1							7.5	8,1
VARBL		Ļ	L	Ļ	Ļ —,	ļ,		Ļ,	Ļ			 _	
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.6	
	16.2	28.5	34.7	13.1	. 9	•1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM 101. 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/HAC

> NW NNW VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FJRT	SHITH	INVIT DO	TAPT			57=	66		YEARS				UG
2127.04		-				ALL ME	ATHER						A	LL B (L.s.T.)
		-				COP	IDITION				<u> </u>			
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.7	1.8	2.1	1.0	.1				1	† 		6,7	6,8
	NNE	.0	.9	.7	•1						<u> </u>		2,4	5.9
	NE	1.2	1.2	.7	• 1			.0					3.7	4.9
	ENE	. 9	1.2	.7	•1								2.9	5.2
	E	2.0	2.1	1.1	•0								5.2	4.7
	ESE	. 8	1,5	1,5	• 2								4,1	6.1
	SE	1.6	3.4	3,7	1.3	. 1	• 0						10,0	6.9
	SSE	1.1	3.0	5,8	1.2	.0							11.2	7.5
	S	1.5	2,8	3.3	1.2	, 1	• 0	L					9.1	6.9
	ssw	.6	. 8	1,0	. 2	.0				L			2.7	6,5
	sw	1,5	1.4	1.0	. 2	.0							4,1	5,3
	wsw	, 9	.9	1,3	• 2	.0				ļ			3,3	6.2
							· · · ·				1 1			

TOTAL NUMBER OF OBSERVATIONS 7440

100.0

6.3

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-1) previous editions of this form are obsolete

33.7 10.7

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BATA PROCESSING DIVISION ETACYUSAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT SMITH NWT DUT APT	57 =6 6	SEP
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.6	2.2	1.2	•1							6.1	7.0
NNE	.7	, 9	1.0	.4								3,1	6.
NE	1.0	1.3	.6	• 2								3.0	5.
ENE	. 5	. 9	. 8	•0								2.2	5,
E	1.1	1.1	.6	•0								5.9	4.
ESE	1.0	1.9	1.6	. 3						i		4.7	6.
SE	1.6	2.7	4.9	1.5	•1							10.8	7.
SSE	. 8	1.9	5.8	3.3	, 2							12.1	9.
S	1.3	1,4	3.0	1.4	• 1							7.2	7.
SSW	. 5	,6	,7	. 3	.0							2,1	6.
sw	1.0	1.3	1.0	.3	.1							3.7	6.
WSW	.6	1.0	1.2	.4	,0							3,2	6.
w	1.0	1.7	1.8	• 6	.0	.0						5.1	6.
WNW	, 5	1.7	3.0	2.0	. 5	.0						7,7	9.
NW	, 9	2.5	5,2	2.5	.6	• 1						11.7	8.
NNW	1.0	1.0	2.7	1.7	.1	0						7.1	8.
VARBL													
CALM	><	$\supset <$	><		><	> <		$\supset <$			> <	7.3	
	14,5	23.9	36,2	16.2	1.7	.2						100.0	7.

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57=66	OCT
STATION	STATION NAME	YEARS	HONTH
		ALL WEATHER	ALŁ
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	1.7	.9	•0							5.4	7.1
NNE	.7	.5	. 8	.5	.1	•0						2.6	7.6
NE	1.2	. 8	. 4	.0								2.4	4.2
ENE	,6	.6	.4	•0								1,6	5.1
E	1.4	1.3	1.0	. 2					· · ·			3.9	5,3
ESE	, 5	1.2	1.9	.6	.0							4.2	7.
SE	1.2	2.6	4.7	1.8	•0							10.4	7,
SSE	1.2	3.1	7.3	4.2	.2							16.2	8.0
S	1.7	2,2	3.5	1.5	. 1							9.1	7.
ssw	.7	. 5	1.0	.1	.0	.0						2.3	6.
sw	1.0	1.7	. 9	,2	.0							3.0	5.0
wsw	.6	1.2	1.5	.3								3.5	6.
w	1.1	1.5	2.0	1.3	.2	•0	.0		<u> </u>			6.3	8.
WNW	.5	1.0	3.1	2.9	.5	.1	.0					8.2	10.4
NW	1.1	1.9	2.9	1.8	.3	.1						8.1	8.0
NNW	.0	1.5	1.9	1.1	.1	•0						5.1	8.0
VARBL	<u> </u>						-						
CALM			><		$\supset <$	> <	> <	> <	$\supset <$	><	> <	7.0	
	15.2	23,2	35.1	17.6	1.6	. 3	.0	<u></u>				100.0	7,

TOTAL NUMBER OF OBSERVATIONS

7440

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION ETAC/USAF AIR MEATMER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DUT APT	5 7-6 6	~0∨
STATION	STATION NAME	YEARS	BORTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	_
			_

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.6	1.2	. 5	.0							4.R	5.9
NNE	.7	. 6	.4	• 1								1.8	5.2
NE	1.3	.4	, 2	• 0	.0							2,0	3.8
ENE	1.0	. 5	. 3	•0								1.9	4.5
E	2.3	1.5	. 8	• 1				L				4.8	4.6
ESE	1.0	1,3	1.6	• 1								4.0	6.0
SE	2.0	3,2	4,1	1.9	.1							11.3	7,3
SSE	1.1	2.8	5.8	2.9	. 2	• 1	•0					12.9	8,5
S	1.8	2.3	2,4	.4								7.0	6.0
ssw	.7	. 5	. 3								<u> </u>	1,5	4.6
sw	1.0	1.1	. 5	•0								3.2	4.4
WSW	1.0	1.2	1.4	.2								3.8	6,1
w	1.1	1.7	2,3	1.7	, 1							7,0	8.1
WNW	. 0	1.3	3,5	2.2	. 1	. 1	.0					8,0	9,3
NW	1,5	2.7	4,3	2.3	. 2	.0						11.1	8.1
NNW	. 7	1.3	2.3	1.1	.1							5.5	7.8
VARBL	L	L .	<u></u>	Ĺ			L						
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\sim	X	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	9,5	
	19,7	24.2	31.6	13.8	, 8	, 3	•0					100.0	6.4

7200

DATA PROCESSING DIVISION ETACYUSAF AIR Heather Service/Hac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FUPT	SMITH	NWT DO	T APT			57-	56					D.	ΕÇ
STATION			STATIO	N NAME					'	EARS				MONTH
						ALL WE	ATHER						Α	LL
						c	LASS						HOUR	IS (L.S.T.)
					<u> </u>	CON	DITION							
														<u>.</u>
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.4	1.3	.6	•0								3.3	4.7
	NNE	. 6	. 5	1	.0								1.2	4.1
	NE	1.6	, 5	.0									2.1	3,C
	ENE	1.0	.5	. 1									1.5	3.5
	E	3.0	1,2	.6	• 1								4,9	4.0
	ESE	1.4	1.8	1.3	.2	.0							4,7	5.6
	SE	3.4	4.9	5,1	1.2	. 2	•0					·	14.8	6.4
	SSE	1.7	3,4	6,2	3.5	.1	•0						14.9	8.2
	\$	1.1	1.3	1.2	. 3					L			4.0	5.9

	23.1	26.8	27.5	9.5	8	.3	. 0					100.0	5,7
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		11.8	
VARBL											L		
NNW	1.4	1.6	1.5	. 7	. 1		.0					5,3	6.7
NW	2,5	4,4	5.1	2.3	, 3	1	.0					14.6	7,5
WNW	, 9	1,9	3,5	1.0	. 1	• 1						7,6	7,9
W	1.3	1,3	1.5	• 1								4.2	5.6
wsw	,0	1.0	.6	• 0								2,1	5.2
sw	1.0	, 9	, 3	•0								2,2	4.4
ssw	, >	12	1	• 0								3	4.1
\$	1.1	1,3	1.2	. 3					T			4.0	5.9
SSE	1.7	3,4	6,2	3.5	.1	•0						14.9	8.2
SE	3,4	4.9	5.1	1.2	.2	•0						14.8	6.4
ESE	1,4	1.8	1.3	.2	•							4.7	5.6
E	3.0	1.2	.6	• 1								4.9	4.0
ENE	1.0	.5	.1									1.5	3,5
NE	1.6	, 5	.0									2.1	3,C
NNE		. 5	1	. 0						L		1.2	4.1

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PRUCESSING DIVISION FTAC/USAF AIR VEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102	FURT	SMITH	NWT DU	T APT			57=	56		EARS	<u>-</u>			A / J
		-				ALL WE	ATHER		·				0000-	=0200 * (L.E.T.)
		-				сон	IDITION				_ _			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	1.1	1.4	.5				-					3,0	4,5
ı	NNE	. 5	. 3										. 9	3.4
	NE	1.0	-1	.1									1.2	2,8
	ENE	.9	. 4										1.3	3,3
	E	1.7	1.7	.1									3,5	3.6
Ī	ESE	- , 9	2.2	.6	• 1	• 1							3.9	5.5
	SE	2.2	4.8	4.6	. 8								12.4	6.4
	SSE	1.5	3,2	3,7	1.7	. 1							10.2	7.4
	5	2.0	1.1	4	, 5								4.1	5,3
	ssw	. 8	. 6	.2	. 1								1.5	4.9
	sw	1.3	1.4	.6	. 1								3.4	4.7
	wsw	1.0	1.4	4	• 1								2.9	5.0
İ	w	1.4	. 9	1.9	.6								4.8	6,5
	WNW		2.2	3.9	2,4	. 4	. 3						10,0	9.2
	NW	2.2	4.0	10.4	4.8	1,2	.2						22,8	9,1
	NNW	1.1	1.5	1.4	.6	, 2							4.8	6.9
ļ	VARBL		—			L								

TOTAL NUMBER OF OBSERVATIONS

930

TATA PRUCESSING DIVISION LTAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT	SHITH	OU THE	T UCT APT 57-66 STATION HAME YEARS										
•		-		· · · · · · · · · · · · · · · · · · ·		ALL ME	ATHER	····						=0500 s (L.s.T.)
		_				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	.0	1.2	.5							-		2.4	5.0
	NNE	- 2	4.5			- 1					-		9	6.0
	NE	. 8	. 4										1.2	3,4
	ENE	. 3		-1									.4	4,3
	E	2.2	2.3	.1									4.5	3.8
	ESE	1.3	1.9	2.0									5.3	5.5
	SE	1.7	4.9	4.4	. 5	. 4							12.0	6.8
	SSE	1.1	3.2	2.9	1.3	2							8.7	7.4
	S	2.2	Laô	1.2		ļ 							5.0	5.0
	ssw	1.2	. 2										1.4	3.2
	sw	2.3	.9	5	1								3.8	4.2
	wsw	1.0		. 8	2_								3.0	5,2
	w	1.3	1.7	1.8									5.0	5,8 9,2
	WNW	1.0	1.4	3,1	2.6	. 3							10.5	9.2
	NW	144	3.6	9.5	5.4	1.4	3						22,0	9,7
	NNW	1.0	1.1	2.3	9								5,9	7.0
	VARBL				l	L	L		L		l		l	

TOTAL NUMBER OF OBSERVATIONS

927

DATA PROCESSING DIVISION ETACKUSAS AIR WEATHER SERVICEKHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FURT	SHITE	TATIO	T APT			<u> 57-</u>	66		rEARS		-	<u> </u>	MONTH
						ALL WE	ATHER						0600	=0800
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	. 9	. 8	.9	• 2	•1					 		2.8	6.4
	NNE	. 4	.1							:				2.6
	NE	. 4	-1										5	2.8
	ENE	. 4	.1			i							. 5	3.2
	E	2.0	. 8	,4				i					3.2	3,8
	ESE	1.7	1.9	1.4	• 1								5,2	5.2
	SE	2.0	3,4	4.4	1,2	, 3		1					11.4	7,1
	SSE	1.4	3.9	3.1	2.2	. 1							10.7	7,5
	5	1.3	1.6	. 4	- 1								3,7	4.6
	ssw	12.	. 4	. 3						l			1.0	5,2
	sw	1.0	1.1	. 2	•1						ļ		3,2	4.1
	wsw	1.6	1.1	14	• 2						ļ		2.7	5,2
	w	les	1.9	1,3	13			L			ļ		4,8	5.7
	WNW	1.1	1.4	5.5	2.4	, 2					<u> </u>		10,6	8.7
	NW	1.5	4,3	10.2	6.8	1.3	-1				ļ		24.6	9,4
	NNW	9.0	. 8	1.9	1.1		. 2						4,7	8.6
	YARBL	Ļ			Ļ	L			Ļ,	Ļ,	L	Ļ		
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.8	
		18.0	23.9	30.6	14.7	2.0	. 3			}			100.0	6,6

TOTAL NUMBER OF OBSERVATIONS

928

DATA PRODESSING DIVISION ETAC/USAF AIR WEATHER SEMUTCE/ NAC

SURFACE WINDS

100.0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102 STATION	FEIST	5"1 T H	NAT DO	T DOT APT 57-66										JAN HONTH	
		-				ALL ME	ATHER						000 PO	-1100	
		-				CON	DITION								
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	, %	MEAN WIND SPEED	
	N	1.7	1.1	. 4	1					Γ	-	!	3.7	4.2	
	NNE		. 1										. 6	3.2	
	NE	. 5	.1	لم									- 1	3.9	
	ENE	1.0											1.0	2,8	
	E	1.9	. 8	, 3								i	2.4	3,9	
	ESE	1.4	1.0	1.7	. 2								4.3	5.8	
	SE	2.0	3.9	4.3	. 4								11.1	6,5	
	SSE	1.8	4.4	4.0	3.9	.2							14.3	8.0	
	\$	2.0	. 8	. 4									3.2	4.0	
	ssw	1.2	.1		F								1.7	3,1	
	sw	1.6	1.1	. 5									3.2	4,4	
	wsw	. 6	. 5	. 8									1,5	6,1	
	w	1.8	. 9	. 6	. 3								3.7	5,1	
	WNW	1.1	2.3	5.8	2.9	. 2							12.3	8.6	
	NW	2.3	3,2	9.6	6.0	. 9	• 1						22.0	9.2	
	NNW	1.6	1,3	3.0	1.5	• 1	. 2						7.7	8.2	
	VARBL														
	CALM		><	> <				> <	> <	> <		> <	7.4		

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EATA PRINCESSEN - DIVISION LITACIUSAF AIR FEAT EF SERVICEIMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FIRE	SHITE	No T DE	TAPT		57=66							JAN MONTH	
	_				ALL WE	ATHER						1200=1400 HOURS (L.S.T.)	
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.3	.9	. 2								4.2	5.6
NNE	. 9	.6	. 1		!		T					1.6	3,9
NE	1.1	. 3										1.4	3.1
ENE	- 1		 					T					3,0
E	103	. 8	.1				!					2.2	3.7
ESE	. 5	1.0	1.8			i						3.3	6,5
SE	2.5	3.1	3.4	1.2		ļ —	1		 			10,2	6.6
SSE	1.8	3.8	4.6	3.3	.2							13,8	8.0
5	1.0	. 9	. 8	.4								3,0	6.0
SSW	1.1	1										1.7	3.0
sw	1.1	1,1	1									2.2	3,8
wsw	. >	. 5	.6	9.6								1,9	6.0
_ w _	1.0	, 6	1.7	. 3								4.4	6.0
WNW	1.3	2.7	4.8	4,2								13.C	8.8
NW	1,6	3.0	7.1	8.6	.4	1						21.1	9,7
NNW	. 6	1.0	2.2	3.0		2						7,7	9,5
VARSL										L			
CALM									$\geq <$	$\geq <$	><	8.7	
	19.0	21.5	28.2	21.5	.6	. 4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

930

DATA PRINCESSING DIVISION FTAC/USAF AIR MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26102 STATION	PURT SMITH INET DOT APT	57=66 YEARS	JAN BONTH
	ALL RE	ATHER	1500-1700 Hours (L.S.T.)
		N. W. A.	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 · 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.3	1.3	- 41	-1							4.5	5.5
NNE	9		_1								<u> </u>	1.7	3.6
NE		-2							L			9	3.3
ENE		- 1						ĺ				. 6	3.2
E	1.0	. 9	. 3									2.2	4.3
ESE		1.6	1.6	- 41								4.1	6.2
SE	2.2	3.1	4.2	. 6							<u> </u>	10.4	6.2
SSE	2.2	3.4	4.0	2.5								12.8	7.3
S	2.4	1.3	. 5	1.2	.2							5.6	6.3
ssw		2										- 9	3.9
sw_	1.1	1.1	. 3				Ĺ <u>.</u>	Ĺ	<u></u>	L	i	2.5	4.3
wsw			1									1.1	4.5
w	1.2	1.9	2.2	3	-1						i	5.7	6.4
WNW		2.0	4.9	2.3							l	9.8	6.3
NW	2.0	3.4	6.6	7.2	. 8	. 2						20.2	9.7
NNW	1.0	2.2	2.8	2.0		-1						8.7	8.0
VARSL				L									
CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq <$	$\geq \leq$		$\geq \leq$	$\geq \leq$		8.4	
	19.0	24.2	29.7	16.3	1.3	.3						100.0	6.7

DATA PROLESSING BIVISION ETACZUSAH AIR FEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT OUT APT	57=66		JAN
STATION	STATION NAME		YEARS	HONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.T.)
		CONDITION		

sw sw	.6 1.	9 .5	.5	.3				 5,4 ,9 2,0	3.4
sw wsw	.6 . .4 l.	9 .5	.3					 2.0	4.
w 1	1 2, ,# 2,	4 2.6	1.6	9 d				6.3 7.0 22.2	6. 7. 9.
	,6 2,		1.7	1.09	•1			 9.2	7.

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION FTAC/USAF AIR MEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	<u>5</u> 7=66	ΔΝ
STATION	STATION NAME	YEA	RS MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONDITION	
			-

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.6	1.1	•1								3,5	5,3
NNE	4	. 2	. 2									. 9	4.1
NE	1.3	5										1.8	3,3
ENE	.9	1.1	L									1,9	3.5
E	, 8	,6	.4									1.8	4.6
ESE	. 8	1.3	1.1				Ĺ					3.1	5.3
SE	3,3	5,8	4,4	1.3	.1							14.9	6.1
SSE	.6	4.2	4,8	1.8								11.5	7.7
<u> </u>	1.4	1.3	.6	• 2	.1							3,7	5.5
ssw	.0	. 8		_			~					1.4	3,7
SW	1.3	1.1	4			Ĺ						2.8	4.4
WSW	, 8	.6	- 1	.1								1.6	4,6
w	. 5	2,7	1.6	.5	-1							5.7	6,3
WNW	,6	2.0	4.6	2.6	, 2							10.2	9.1
NW	2.7	4,7	7.6	3.9	1.5	3						20.8	9.0
NNW	9	1.3	3.2	.5	, 5	-1						6.6	8.2
VARBL	_		L										
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	$\geq \leq$	\times	X	\geq	><	$\geq \leq$	7.7	
	18.5	28.9	30.3	11.1	2.6	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLÉTE

DATA PROCESSING DIVISION FTAC/USAF AIR WEATHER SERVICE/MAC 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FINT SMITH NUT DOT APT 57-66										FEB			
STATION	_		STATIO	N HAME					,	(E) RS				MONTH
						ALL WE	ATHER						0000	=0200
		_				ę	455						Nous	S (L.S.T.)
		_												
						CON	DITION							
						,			,				w	
	SPEED		1				_							MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
		!									ļ			
	N	2.2	1.5	.5		ļ							4,3	4.2
	NNE	6	1 4	' 		<u>'</u>	 		ļ				9	3,4
	NE_	1.3	-1	↓ _•↓	ļ		 				!		1,5	3,5
	ENE	,6	. 4	,2		<u> </u>			ļ				1.2	4.4
	E	3,4	1.3	<u> </u>							ļ		5,2	3.8
	ESE	1.9	3.0	, 9	1						_		5,9	4.8
	SE	210	8.0	5,7	.6		ļ						16.9	5.9
	SSE	1.3	3,9	4.0	1.8								11.0	7.4
	5	1.6	2.1	12	•2	!	<u> </u>	ļ					4,4	4,5
	SSW	8.	1 6	2									1.7	4,3
	SW	1.5	.7	. 4									2,6	4.2
	WSW	. 2	.2	ļ <u>,</u>									, 5	3,8
	w		1.3	.6	.6								3,0	6.8
	WNW	. 4	, 9	3,8	1.3	- 1	<u> </u>						6,5	8,8
	NW	2.0	4.7	8.9	4.4	.4	L						20.3	8,1
	NNW	1.5	1.9	2.6	1.1								7.1	6,8
	VARBL	L		ļ				L						
	CALM					><	><	\sim	><	><		$>\!<$	7.1	1
			¥											
		22.8	30.9	28.6	10.2	5							100.0	5,9

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION ETACZUSAF AIR WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SHITH NAT DOT APT	57-66		FEB
STATION	STATION NAME		YEARS	BONTH
		ALL WEATHER		0300-0500_
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.1	.7	. 1								3.0	5,5
NNE	5	.4	.1									.9	3.9
NE	. 5	.2										. 7	3.3
ENE	.7	.2										.9	3.0
E	3.0	1.8		• 1								4.8	3,7
ESE	1.2	3.9	1.5			L	L	L				6.6	5.1
SE	3,2	7,3	5,4	1.2								17,1	6.0
SSE	, 5	2.8	4,3	1.1								8,6	7,5
S	1.7	2.4	1.7	. 4								6.0	5,5
SSW	.0	.6	.1									1.3	4,4
sw	1.1	.1	. 4							L		1.5	4.0
WSW	• 1	.2	,4	.4								1,1	7,8
w	1.9	1,4	, 8	. 4								4,5	5,3
WNW	. 9	2.1	2.8	1.3	. 1					L		7.3	7,5
NW	3.4	4.0	9.0	4.5	1.1	• 2	L					22,2	8,6
NNW	1.1	1.3	1.7	5								4.5	6.5
VARBL	L	L		<u> </u>	L	L	ļ	L			L		
CALM	$\geq \leq$	$\geq \leq$		><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.7	
	21.3	29.9	28.8	9.8	1.2	•2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION ETAC/USAF AIR REATHER SERVICE/MAC

2

SURFACE WINDS

846

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FOKT	SHITH	NWT DO	TAPT			57-	66		/EARS				E B
		-	ALL WEATHER										0600 HOUR	=0800 = (L.E.T.)
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.4	1.5	.9	. 4								4.3	5.8 3.9 2.4
	NNE		1	.2									1,2	3,9
	NE	.7											. 9	2.4
	ENE	, 6	. 4	- 4									1,5	4.0
ĺ	E	2.5	1.4	,6		Ĺ <u> </u>							4,5	4.1
	ESE	1,8	2.6	1.3									5,7	4.8
	SE	2.5	6.0	5,7	,7			l					15.2	6,2
	SSE	.7	3,2	7.0	,5								11.3	7.2
	<u> </u>	1,9	1.1	9			ļ						4.0	5,1
	SSW	- 7	.2	- 1	 								1.1	3,7
	sw	,7	. 5	,2									1,4	4,2
	wsw	<u> </u>	.6	. 8	• 1								1,7	6.9
	w	1.64	. 8	. 5									2,7	4,0 7,8
	WNW	1.1	2.0	3,7	1.2	.2							8.2	7,8
	NW	3,5	4,7	8,9	4.5						-		22,1	8,1
	NNW	,7	. 8	2.4	1.1	 -							5.0	8.0
!	CALM						\sim	>	\sim			$\geq <$	9.3	
		21.7	26.1	33.6	8,5	, 7							100.0	5,9

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/MAC

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FORT	SMITH	NWT DO	TAPT			57-	66		YEARS			F	E B
SIATION			MIMILE	- RAME						ILARD				
						ALL WE	ATHER							-1100
						c	LASS						HOUR	\$ (L.S.T.)
		_												
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	2.7	1.5	.7	.5	.1							5.6	5,3
	NNE	.6	.1										,7	2.7
	NE	. 4	.4	.1									. 8	4.1
	ENE			, 2									, 2	8,5
	E	1.4	, 9	. 8									3.2	4.8
	ESE	,7	1,8	1.1	•1								3.7	5,6
	\$E	2.5	5.7	6.9	1.2							-	16.2	6.6
	SSE	1.1	3,2	4.5	2.8								11.6	8.2
	s	1.5	1.7	1.5	•1								4.8	5.2
	ssw	,7	• 1	.4									1,2	4.7
	sw	1.1	. 4	. 2									1.7	3,9
	WSW	. 5	. 2	. 2	•2								1.2	5.8
	w	1.7	.4	.7	•1								2,8	5.0
	WNW	. 9	1,7	4.8	1.2								8,6	8.1
	NW	4.0	3,7	8,4	6.3	1.3							23.6	8.7
	NNW	. 6	1.4	2.4	1.2	• 1							5.9	7.7
	VARBL													

TOTAL NUMBER OF OBSERVATIONS 646

100.0

6,5

DATA PROCESSING DIVISION ETACYUSAF AIR WEATHER SERVICEYMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 FD	T SMITH	NWT DO	TAPT			57-	66		YRANS				F B
	-				ALL WE	ATHER			··				=1400 s (L.s.T.)
	-				co	DITION							
SPEEI (KNT: DIR.	5) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.6	1.8	.7	.2							6.0	6.7
NN		1 2	-1	41					1			.9	5.0
NE		12	.1						T			Я	4.0
ENE	.6	.4	.4									1.3	4,5
E	2.0	.5	1,2						-			3.7	4,8
ESE	.2	,4	1.3	.5								2.4	7.8
SE	2,4	2.0	4,4	2.0								10.8	7,1
5SE	. 9	3.9	6,5	3.9								15.2	8,4
\$	1,5	1,4	,6	. 5								4.0	5,6 5,5
SSW	. 6	.2		-1								1.2	5,5
sw		. 4	9									1.9	5,9
WSV	7	.2		.6								1.7	7,4
w	. 6	. 5	.7	,2								2,2	6,3
WNV		2.2	4.4	2.2	, 5							10.3	8,8
NW		5.4	8,6	6.3	, 9							24.0	8,8
NNV		. 8	2.2	1,4	.4							5,3	9,6
VARE	ı	<u> </u>	Ļ	Ļ	Ļ.,	Ļ.,						!	
CAL	^	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	8.3	
	17.4	20.2	33.4	18.6	2.0							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION ETACHUSAF AIR MEATHER SERVICEMAC

SURFACE WINDS

100.0

TOTAL NUMBER OF OBSERVATIONS

6.7

846

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

102	FURT	SHITH	NET DO	TAPT			57-	66		TEARS				F B
STATION						ALL WE	ATHER						1500	-1700 * (L.S.7.)
						CON	ELTION				- -			
	SPEED KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.7	1.7	2.0	.5						T		5.8	6.2
	NNE	1.4	.7	.2									2.4	3,9
	NE	. 6	.1										,7	2.7
	ENE	.5	1.1	.5									2.0	5.3
	E	3,5	1.3	. 4									5.2	3.4
	ESE	.6	1.9	.7	• 1								3.3	5.8
	SE	1.9	3.9	4.7	1.5								11.9	7.0
	SSE	1.2	3.1	6.3	3.7								14.2	8.5
	S	. 9	. 9	.6	.5						, ,		3.0	5.9
	ssw	• 1	, 4	.1									.6	5.0
	sw	, ö	, 5	. 5									1,8	4.7
	wsw	.2	. 1	• 1	. 2	- 1							. 8	8.7
	w	1.9	1.2	1.3	.4								4,7	5,6
	WNW	. 6	1.1	2,5	2.2	. 1							6.5	9,1
	NW	1.2	4.7	9.2	4.5	.6							20.2	8,6
	NNW	.6	2.1	3.9	2.4	.2							9,2	8.6
	VARBL													
	CALM												7,7	

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

17.7 24.6 33.0 16.0 1.1

DATA PROCESSING DIVISION ETACYUSAF AIR NEATHER SERVICEZHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FURT	SMITH	NET DI	TAPT			57-	66	·	YEARS				E B
5 ,2,10 1		-				ALL WE	ATHER				_		1800	=2000 s (L.S.T.)
		-				can	IDITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.6	1.3	1.4									4,5	4,9
	NNE	1.4	.1	.4									1.7	3,9
	NE	1.7	1.3										3.0	3,6
	ENE	1.4	1.2	.4									3.0	4,2
	E	3.0	1.4	.1		 	,						4,5	3,2
	ESE	1.4	2.0	1,1								_	4.5	4.9
	SE	1.9	5.7	5.9	1.8	• 1							15.4	6.8
	SSE	.7	3.1	4,8	2.8								11.5	8,2
	5	1.2	. 9	. 8	.6								3.5	6,1
	SSW	.4	.1	,6	•1								1.2	6,2
	SW	.7		.1									B	3.4
	wsw	. 4	• 1		• 1								.6	5,6
	w	1.3	.7	. 8									2.8	4,9
	WNW	. 8	.5	2,2	1.4	.1							5,1	8,7
	NW	3,4	3,5	9.0	4.1								20.1	7,8
	NNW	. 9	3.0	4.4	1.5								9,8	7.4
	VARBL													
	CALM	$\geq \leq$	\geq	\geq	$\geq \leq$	\geq	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	$\geq <$	\times	7.9	
		22.3	24.9	32.0	12.5	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

846

CATA PROCESSING DIVISION ETACYUSAF AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIRT SMITH NET DUT APT	5 7-6 6	FF8
STATION	STATION MANE	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		CONDITION	

	17.5	27.9	33.5	12.5	.1		i i	1	}	1		100.0	6.3
CALM						$\geq \leq$			$\geq \leq$	$\geq \leq$	$\geq \leq$	8.5	
VARBL					L			Ĺ					
NNW	. 7	3.0	5.0	1.7	.1					L		10.4	3.0
NW	2.1	3,7	9.0	3.9								18.7	8,
WNW	• 2	.6	1,9	2.2								5.0	9.
w	. 6	1.1	,9	• 2								3.1	3,
wsw	• 2	.5		ļ								.7	3.
sw	.7	.5						1				1.2	3.2
SSW	.7	.4	.6		1					1		1.7	5.
S	. 9	1.9	1.4	.7								5.0	6.4
SSE	8	4.0	4.7	2.6								12.2	7.
SE	1.8	4.6	6.7	.9		 	 -	 				14.1	6.8
ESE	1.9	2.4	2.0	•1		 		 	 			6.4	3.2
E	1.3	2.6	.5	 -	 	 	 	 	 	·		4.4	4,4
ENE	1.3	1.2				 		 	 	 		2.5	3.5
NE	.6	.2	•1			 	 		 	,		.9	4.1
NNE	2.1	1.4	.6	•1	 	 	 		 			1.2	2.6
DIR.				ļ <u>.</u>			ļ					4.3	SPEED
SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETACYUSAF AIR WEATHER SERVICEY 4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FERT SMITH MAT BOT APT	57-66		_ MAR
STATION	STATION NAME		YEARS	HONTH
		ALL WEATHER		0000-0200
		CLA96		HOURS (L.S.T.)
		CONDITION		

	24.5	28.6	29.5	9.6	.4							100.0	5.
CALM		$\supset <$		><				$\geq <$		><	><	7.4	
VARBL													
NNW	1.7	1.7	1.1	. 9								5,4	6.
NW	1.6	3.3	7.0	1.9								14.0	7.
WNW	, 3	1.3	2.7	1.1	.2							5.6	8.
w	.6	.6	1.2	• 1								2.6	6.
wsw	. 3	.5	.1	• 1								1.1	5.
sw	1.0	.4	.4							•		1.8	4.
SSW	. 5		•1			†						.6	4.
S	. 8	1.0	1.1	. 4								3,2	6.
SSE	1.2	1.7	4.2	2.4	.1	 	 	1				9.6	5,
SE	2.8	6.0	6.1	1.5							-	16.5	6.
ESE	1.3	2.5	1.4	.2								5.7	5.
E	3.3	3.1	. 8	.1		t	†~	 	i			7.3	4.
ENE	1.0	.4	.4						-			1.8	4.
NE	2.7	9	.5									4.1	3.
NNE	1.3	4	.2	. 3			<u> </u>					2.3	5.
N	4.1	4.3	2.2	.5		 						11.1	5.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CATA PROCESSING DIVISION ATAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SHITH NET BOT APT	57-66	MAR
STATION	STATION HAME	YKARS	MONTH
		ALL REATHER	0300=0500
		CLASS	HOURS (L.S.T.)
		CONDITION	
			

	21.4	31.0	29.0	8.4	. 8							100.0	5.8
CALM									><	><		8.8	
VARBL	L												
NNW	1.1	1.5	1.0	1.4								4.9	7.7
NW	1.7	3.9	6,3	1.0	. 1							13.7	7.3
WNW	1.1	2.0	3.3	1.3	.4							8,2	9.2
w	.0	1.2	1.2									3,0	5.7
wsw	• 1		.4						ļ			. 5	7.4
sw	1.0	•1	.3						i — —			1.4	4.3
ssw	• 1	.4	T						1			. 5	4 . 2
s	. 4	1,9	. 4	. 5						!		3.3	6.1
SSE	1.3	2.5	3.7	1.3	.2		 	j				8.9	7.
SE	3.1	6.6	7.3	1.7				f	† — — —			18.7	6.7
ESE	1.3	3.0	1.2	.2								5.7	5.5
E	2.8	2.2	1.0			 	 	 	 		·	5.7	4.5
ENE	1.0	2.0	.4	 	 -	 			 	 	i	3.4	4.5
NE	1,6	1.0	.2	 	 			 	 	 		3.7	3.9
NNE	103	2.0	4	• 3				 	 		:	2.4	4.4
N	2.7	2 0	1.8	.3								6.9	5.1
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0.8.5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION CTAC/USAF AIR #EAT FER SETVICE/CAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

40174	P 18 1	3m11m	HALL DE	1 API			21-	ų U						
STATION			STATIO	M KARE						YEARS				MONTH
						ALL ME	ATHER							-0800
		-					LASS						HOUR	15 (L.S.T.)
		_				col	NOITION							
		_												
										, 				
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N N	2.4	1.2	1.2	•2	 '			i	 	 		4.9	5.0
	NNE	1.4	.5	.1	 		 						2.0	3,5
	NE	1.3	. 4	.1	1	 				1			2.3	3.5
	ENE	.9	1.7	. 4	1	ļ -							3.0	4.8
	E	3.2	1.8	1.0		i	T	ļ			Ţ		6.0	4.2
	ESE	1.6	3.7	1.6	.2								7,1	5.4
	SE	2.8	5.8	7.5	1.2								17.3	6.6
	SSE	1.1	1.5	4.2	2.0								8.8	8.1
	5	1.4	1.9	.6	• 1								4.1	4.6
	SSW	. 1	. 1						L				. 2	3,5
	sw	1.^	. 5	,2	ļ		I		Ĺ		<u> </u>		1.7	4.2
	WSW	. 2	.1	.1	L								. 4	4.3
	w	1.4	. 6	1.4	. 2								3.7	6.0
	WNW	.4	2.2	2.6	1.3	. 2		<u> </u>					6.7	8,2
	NW	2,0	4,5	7.0	2.6	.1	<u> </u>				<u> </u>		16,7	7.5
	NNW	1.4	1.1	2.2	.9	. 3					L		5.8	7.3
	VARBL							L						
	CALM						><	><					9.7	

TOTAL NUMBER OF OBSERVATIONS

930

100.0 5.7

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

22.0 28.2 30.2 8.7

PATA PROCESSING DIVISION + TAC/USAF 2 AIR MEATHER SERVICE/MAC

SURFACE WINDS

MAR

100.0

930

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FJAT	SMITH	NET UC	TAPT			57-0	56		EARS			- 14.	R
STATION		-	STATIO			ALL WE	ATHER LASS						0900	1100 *(LET.)
ſ	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N NNE NE ENE E E SE SSE SSE S SSW WSW WNW	2.2 .6 .0 2.4 1.5 1.7 1.4 .1 .4 .6 .4 .5	1,0 ,0 ,6 2,8 2,0 3,7 1,0 1,0 ,2 ,4	1,4 ,2 ,2 ,4 1,0 1,8 5,4 0,8 1,1	2.4 4.1 .3	.3							5.9 1.5 1.7 1.7 6.1 5.4 13.1 14.2 3.1 .6 1.1 1.3	6.0 4.4 4.1 4.8 4.5 5.3 7.5 9.2 6.8 3.3 3.7 6.4 7.2
	NNA NA	1.9	3,1	6.2	2.0	.8	•1						17.8	8.2
}	CALM												9.9	

2

DATA PROCESSING DIVISION ETACYUSAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	MAR
STATION	STATION NAME	YEARS	HONTH
	4	ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	

47.47	14.5	20.0	31.9	22.4	3,3	•1						100.0	7.6
VARBL CALM												7.4	
NNW	.6	1.6	2.3	2.5	. 3							7.3	9,0
NW	2.6	3,4	5.1	7.4	1.7	• 1						20.3	9.
WNW	9	1.3	1.8	1.2	.1							5,3	8,
w	, >	. 4	1.4	. 2								2.6	7.
wsw	,6		.4	•1								1,2	5.
sw	. 15	. 8	, 8									2.3	5.
ssw	.2	•1	.2			f						1 5	5.
S	. 5	.4	1.3	.8								3.3	7.
SSE	.6	2.6	6.6	6.2	,9							16.9	9.
SE SE	1.0	2.2	4.2	2.3	.3	ļ. ——	-					9.9	8.
E ESE	1.4	1.8	1.1	• 1		<u> </u>						4.4	3,
ENE	.6	. 4	,6		 						L	1.7	5.
NE	,6	. 8	, 5	ļ	ļ							1.9	5,
NNE	. 5	, 9	1.4	•1								2.9	6.
N	2.0	1.6	2.6	1.2								7.4	6.
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 930

DATA PRICESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NET DOT APT	57-66		MAR
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L.S.T.)
		CONDITION		

	14.7	22.8	33.7	21.8	3.0	•1						100.0	7.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.9	
VARBL			Ļ	L	Ĺ	Ĺ		Ĺ					Ĺ
NNW	1.3	2.0	4.0	3.0	. 3							10.6	8,
NW	1.8	1,8	4,9	7,3	1.3	•1						17,3	10
WNW	, 5	1.0	1,3	,6	, 2							3,7	8
w	. 5	.3	9	, 2								1,9	6
W5W	,4	. 3	. 8									1,5	6,
sw	. 3	,0	, 2									1.2	5.
55W	. 1		, 3								•	.4	6
\$.4	. 9	1.4	.4	.1	i —						3,2	7
SSE	.6	3,7	7.0	6.0	1.0							18,3	9
SE	1.4	2,3	4.3	2.5								10.4	9
ESE	.5	1.3	1.4	•2								3.4	6
E	2.0	1.2	1.5		ļ —							4.9	5
ENE	. 5	.5	.4				ļ					1.5	4
NE	1.1	1,2	,6			<u> </u>						2.9	4
NNE	1.1	1.3	1.4				· · · ·					3.8	5
N	1.7	4.4	3.2	1.5	.1							11.0	6
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME. WII SPE

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DE	OT APT	57-66		MAR
STATION	STAT	ION NAME		YEARS	MONTH
		ALI	WEATHER		1800-2000
			CLASS		HOURS (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	4.0	2,2	1.0	.1	• 1			-			10.0	6.
NNE	1.4	. 9	1.4	•1						-		3.8	5.
NE	2,2	2,2										4,3	3.
ENE	1.4	. 6	. 1									2.2	3,0
E	3.2	2.3	, 5	•1								6,1	4,
ESE	2.5	2.2	2.0	.6								7,3	5.1
SE	3,5	4,4	5,4	1.6								14.9	6.4
SSE	9	2,3	5,1	2.2	• 1							10.4	8.
S	1.1	1.4	1.0	. 4								3.9	5.
ssw	,2	• 1										, 3	3,
sw	. 5	. 5	.1									1.2	4.
wsw	. 3		, 2									. 5	4.
w	,4	, 5	, 4								_	1.4	5.
WNW		,6	, 9	.6	. 1							2,4	9.
NW	1.4	2.7	6.0	4.1	. 2							14.4	8.
NNW	1.5	2.6	4.7	2.2	. 3							11.3	8.
VARBL													
CALM	$\geq \leq$	$>\!\!<$	><	><	$\geq <$	$\geq \leq$	$\geq \leq$	><	><	><	><	5,6	
	23,3	27.2	30.0	12.9	.9	•1						100.0	6,

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION FTAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT SMITH NWT DOT APT	57=66	MAR
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	2100-2300 Hours (L.S.Y.)
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.4	2.4	3.1	.2	.1							10.2	5,2
NNE	. 8	1.1	. 5	. 5	1							3.0	7.0
NE	1.3	.6	. 8									2,7	5.0
ENE	. 9	1.0	, 3	L								2.2	4,3
E	2.4	2.4	1.5									6.2	4.6
ESE	2.4	2,8	1,9	, 9					<u></u>			8.0	5,9
SE	3.1	6.1	7.0	1,4								17.6	6,6
SSE	,6	2.0	5,1	2,3	• 1							10.1	8,5
	1.0	5	1.4	,6								3,5	7.3
55W	12	2	-1									. 5	4,6
sw	1	,6	, 5		L		ļ					1.4	5,
wsw	ۇ و	.2	91									. 6	4,
w	- 1	.4	2	.1								, 9	6,0
WNW		1.2	1,9	1.2								4,8	8.
NW	.3	2,0	7,8	1.1	• 1							11.4	8,3
NNW	1.5	4.1	4.7	.6	-1							11.1	6,8
VARBL	L	ļ	L.,	Ļ					L			<u> </u>	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	><	$\geq <$	><	><	5.7	
	19,9	27.7	37.1	8.9	,6							100.0	6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCESSING DIVISION FTAC/USAF AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SHITH	NWT DOT APT	57-66		ΔPR
STATION		STATION NAME		YEARS	MONTH
	_		ALL WEATHER		0000-0500
	_		CLASS		HOURS (L.S.T.)
	_				
			CONDITION		
	_			· · · · · · · · · · · · · · · · · · ·	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	1.1	.4								5.7	5.8
NNE	. 3	9	- 4	.1								1.8	5.6
NE	3,0	1,8	.3									5.1	3.6
ENE	1.4	2.6	1,2									5.2	5.2
E	2.1	4.0	1,1	• 1								7.3	4.9
ESE	.6	2,4	1.4									4.4	5.7
SE	2,8	6.0	8,3	2.2								19,3	6.9
SSE	, 8	2,6	6,6	1.6	<u> </u>	<u></u>						11.4	7,7
\$. 9	1.1	1,2	. 3	<u> </u>							3,6	6.3
SSW	,7	. 2	. 2									1,1	4.3
sw	. 2	.7	,6									1.4	6.1
wsw	, 4	. 2	3					_				1.0	5,0
w	, 4	.3										9	3,9
WNW	.7	.6	1.6	,6								3,3	7.6
NW	1.4	3.4	4.4	3.8	.4	•1						13,7	8.7
NNW	1.0	1.8	4.2	1.6	.1	•1						8.8	8.1
VARBL	L					<u> </u>							i
CALM		><	$\geq \leq$			$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	5.9	
	18.0	31.4	33.2	10.7	,6	, 2						100.0	6,3

TOTAL NUMBER OF OBSERVATIONS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102 STATION	FURT	SMITH	INNT UU	T APT			57-	56	 _	YEARS				Р <u>Р</u>
						ALL WE	ATHER						0300	-0500
		_				C	LASS							\$ (L.S.T.)
		-				сон	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	1.4	2.1	• 3								5.0	6,5
	NNE	1.2	, 8	, 7									2,7	4.7
	NE	2.3	1.3	. 8						1]		4.4	4.3
	ENE	.7	1.7	.7									3,0	5.1
	€	2.3	2.4	2.2	•1						,		7.1	5.2
	ESE	1.9	2.9	1.4	• 2								6.4	5.2
	SE	2.3	4,9	7.9	1.8	• 1							17.0	7.1
	SSE	1.0	3,3	5.9	1.9								12.1	7.8
	5	1.3	1.6	1.0	.3								4.2	5.3
	SSW	.0	.4	•1									1,1	4.4
	sw	, 8	.6	.6	• 1								2.0	5.3
	wsw	. 4	.2	. 2									.9	5.0
	w	,4	.2	,6	.6								1,8	8,1
	WNW	.2	.7	1.3	.6	. 2							3.C	8.6
	NW	2.0	2.9	4.8	3.8	.4							13.9	8.6
	NNW	1.2	2,3	4.0	1.1								8.7	7.3
	VARBL													
	CALM		$\supset \subset$			> <	$\overline{}$	$\overline{}$				\sim	6.7	

TOTAL NUMBER OF OBSERVATIONS 900

100.0

6.3

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

19.9 27.7 34.2 10.8

DATA PROCESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FURT SMITH	NET DOT APT		57=66			ΔF	7 R
STATION		STATION HANE			YEAR		 	HONTH
			ALL WEAT	HER			0600-	-0800
	_		CLAS				HOURS	S (L.S.T.)
	-		CONDIT	ION				
	_							
_							 	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	3.0	.9			 					6.1	7.4
NNE	1.0	1,6	. 8									3.3	5.0
NE	1.7	1.1	.3									3.1	4.1
ENE	1.3	. 4	.6	• 1								2.4	5.0
E	2.3	2,8	1.6	• 1					T			6.8	5.1
ESE	1.0	2.1	. 8									3.9	5.1
SE	2.1	5,6	7.0	2.7								17.6	7.3
SSE	1.5	2.4	8.0	3.1								15.3	8.1
5	.7	. 8	1.2	. 8								3.4	7.5
SSW	٠١	.1										. 2	3,5
sw	1.1	.4	.3									1.9	4.1
wsw	.0	•1	.1	•1						i		.9	5.6
w	.2	,6	.3	1.0	.2							2.3	9.7
WNW	.4	, 9	1.0	.6	.3	•1			1			3.3	9.4
NW	1.3	3.6	5.6	3.8	.3	• 2						14.8	9.0
NNW	. 4	. 8	3.4	1.6	.2							6.9	8.6
VARBL												1	
CALM					><	> <	> <	> <	$\supset <$	><	><	7.7	
	17.8	24.4	34.0	14.7	1.1	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC $^{\text{FORM}}_{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR MEATIER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_	FUKT	SHITH	NWT DU	TAPT			57-6	66		LARS				PR MONTH
						ALL WE	ATHER							-1100
		_					LASS				_			S (L.S.T.)
		-				CON	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
_	N	1.8	2.1	1.9	1.9								7.7	7.4
	NNE	. 9	1.1	1.6									3,6	5,4
	NE	, 6	1.2	.7						,			2.4	5.6
	ENE	.4	.3	.6									1.3	5.3
	E	1.5	1.1	1.1	•2								4,2	5.4
	ESE	1.1	1.1	1.2	.3								3,8	5.9
	SE	1.4	1.6	5,7	3.4	.1							12,2	8.7
	SSE	1.0	3.7	8.9	6.2	.1							19.9	9.2
	S	• 8	.8	2.1	1.2	.3							5.2	8.8
	SSW	• 5			• 2								.6	6.8
	sw	1.0	. 2	. 2	• 1								1.6	4.7
	wsw	. 2	• 6		.7				[1,4	7.9
	w	.7	. 3	. 9	1.1								3,1	9,1
	WNW	. 8	1.2	1.2	1.8	. 2	- 1						5,3	9.1
	NW	, 4	2.2	5.2	4.1	1.2						·	13.7	9.8
	NNW	, 4	. 8	3.1	3.7	. 1	- 1	<u></u>				[8.2	10.1
	VARBL													
	CALM						><	><	><	><			5.8	
_						-								

TOTAL NUMBER OF OBSERVATIONS 900

2

PATA PROCESSING DIVISION ETAC/USAF AIR MEATCER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26132	FORT SHITH NAT OUT APT	57-66		APR
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		CONDITION		

	8,4	20.2	32.7	28.9	5.4	.4						100.0	8,9
CALM		$\geq \leq$		$\geq \leq$		$\geq \leq$			$\geq \leq$	$\geq \leq$		3.9	
VARBL			Į	L			L	<u> </u>					
NNW	, 3	, 9	2.4	3.8	.4	.1						8.1	10.6
NW	,4	2,3	3.6	5.0	2.3	• 2						13.9	11.
WNW	,4	2.0	2.7	2.1	, 3							7,6	9,
w	.0	.6	1.2	.9	.1							3.3	8.
WSW	.1	.1	.2	.3	.3						T	1.1	11.
SW	1.0	.4	. 8	.3					 			2.6	5.
SSW	1	.3	2	-1	-			 	1		<u> </u>	. 8	6.
5	.4	.8	1.7	1.4	- 7	-1	 			 		5.1	10.
SSE	. 3	2,6	5.1	8.0	.7				-			16.7	10.
SE	. 4	2.0	4.6	3.7	. 4	 	 	 	 			11.1	9.
ESE	1.9	.9	9	.4		 	 	 -	 	 	 	3.1	6.
E	1.0	2,3	2.2	 		 		 	 	 		5.6	5.
ENE	- 4	1,2	.8	 		 	 	 	 	 	 	1.4	6.
NE		1.3	2,3	•6			 		 	 		3.0	5.
NNE	. 2	2.0	3.0	2.2		 	 	 			 	8.2	7.
DIR.			-		<u> </u>	ļ	 	ļ	ļ		ļ		SPEE
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	WIN

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING MIVISION FTACTUSAF AIR REATHER SERVICETHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FORT	SMITH	NKT 00'	TAPT			57-0	56					Δ.	PR
_			BYATIO				-			EARS				MONTH
						ALL WE	ATHER						1500	-1700
		_				c	LASS						HOUR	15 (L.S.T.)
		-			· · · · · ·	con	HOITION	·						
		-						•						
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
\vdash	N	1.1	2,2	4.8	1,8	. 3							10.2	8,2
Г	NNE	. 4	1.3	2.0	. 4								4.2	7.1
_	NE	. 4	2.1	1.0	• 1								4.1	5.5
Г	ENE	1.1	1.1	. 8	•1								3.1	5.1
	Ε	.4	1.2	1.7	.2								3.6	6.7
	ESE	.4	1.3	1.2	.4								3.4	7.0
	SE	1.1	2.3	5.3	3.6	.4					1		12.8	9.0
	SSE	. 2	2.7	6.0	5.6	. 8							15.2	10.0

NE	. 4	2.1	1.0	• 1			i			1	1	4.1	5.5
ENE	1.1	1.1	. 8	• 1								3.1	5.1
E	,4	1.2	1.7	.2								3,6	6.7
ESE	. 4	1.3	1.2	.4								3.4	7.0
SE	1.1	2.3	5,3	3.6	.4					1		12.8	9.0
SSE	. 2	2,7	6,0	5.6	. 8							15.2	10.0
S	.6	.4	1.4	1.0	. 4	[3,9	9.5
ssw		• 2	.2	• 2								.7	9.8
SW	. 1.	. 2	. 3	.6	.1							1.4	10.0
wsw		. 3	.6	. 3	.1				1			1.3	9.4
w	• 1	.2	.9	1.2			[1	T			2.4	9.9
WNW	. 2	.6	1.6	2.0	.6							4,9	10.9
NW	.7	1.7	4.8	5.8	1.6	.4						14.7	11.1
NNW	, č,	1.1	4.4	4.7	.6					T	Ţ	11.6	10.3
VARBL													
CALM				><				$\supset <$	$\supset <$			2.2	
	8.3	19.1	37.0	28.0	4.9	.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING SIVISION ETAC/USAF AIR MEATMER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NET DOT APT	5 7=6 6	ΔPR
STATION	STATION NAME	YEARS	HOHTH
		ALL WEATHER	1800-2000
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N.	. 7	3.3	>.3	1.2	• 2					<u> </u>		10.8	7.7
NNE	1.1	1.7	1.3	1								4.2	5,6
NE	2.0	1.0	12									4.6	3.6
ENE	2.7	1.0	. 3									4.0	3.7
E	3,0	3,3	1.2									7.6	4.5
ESE	. 5	2.8	2.9	. 3								6.B	6.5
SE	. 9	4.2	8.0	1.4	. 1							14.7	7.5
SSE	. 4	1.2	5,3	1.6	. 1							8.7	8.6
5	. 3	. 9	1.1	. 6								7.9	7.6
ssw	• l	• 1	. 4	• 1								• 8	7.3
5W	. 4	. 2	. 2	.2]			1.1	6.3
wsw		• 1	. 2									. 3	6.7
w	. 4	. 4	• 7	,2								1.8	6.6
WNW	• è	• 7	. 9	9	, 2							2,9	9,7
NW	1.0	. 6	4.3	3.8	1.2	• 2						11.1	11.0
NNW	1.1	2.0	6.8	3.7	. 3							14.4	8.8
VARBL		I											
CALM		$\geq <$			$\geq \leq$	$\geq <$	$\geq \leq$		><	$\geq <$	$\geq <$	3.4	
	15.0	24.9	39.3	14.1	2.2	• 2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSCLETE

DATA PROCESSING DIVISION ETACYUSAF AIR VEATHER SELVICEYAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT OUT APT	57 ≖6 6		APR
STATION	STATION HAME		YEARS	MONTH
		ALL WEATHER		2100-2300
		CLASS		HOURS (L.S.T.)
		CONDITION		
				
_				

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3,3	2.4	.3						ļ —	-	7.7	5.8
NNE	1.1	1.0	.3	• 2.								2.7	5.2
NE	1.8	2.0	.6									4.3	4.1
ENE	2.7	1.4	.6					-				4.7	4.0
E	2.5	4.6	1.0									5.1	4,5
ESE	2.1	3.4	3.4	•1								9.1	5.9
SE	1.0	4.0	7.7	2.3					i			15.0	7,8
SSE	.6	1.7	4.8	1.6								8.8	8.6
S	. 7	.9	1.7									3.2	6.3
SSW	.2	, 4]							.7	4.2
SW	.0	. 4	.2	• 1								1.3	4.9
wsw	. 2	.2										. 4	3,5
w	• 1	.2	, 2	• 1								. 7	7.0
WNW	. 2	.4	.4	.7	. 2							2.0	9,3
NW	.4	2.0	5,4	4.0	. 4							12.3	9.7
NNW	.9	3,4	6.2	2.7	. 1							13.3	8,4
VARBL													
CALM		><		$\geq <$					$\supset <$	><	\times	5.7	
	16.7	29.6	35.0	12.3	. 8							100.0	6,6

TOTAL NUMBER OF OBSERVATIONS 900

DATA PRUCESSING MIVISION FTAC/USAF AIR WEAT FR SEGVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIRT SMITH NAT DOT APT	57-66		YAm
STATION	STATION HAME		YEARS	MANDW
		ALL WEATHER		0000-0200
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	3.1	2.4	1.0								9,1	3,9
NNE	. 8	2.7	2.7	• 3								6.5	6.6
NE	2.4	1.7	. 5	. 2								4.8	4.5
ENE	1.0	2.3	1.4	• 1								4,7	5.7
E	1.8	3.9	3.5									9.2	5,8
ESE	. 8	2.9	3.8	. 5				l				8.0	7.0
SE	1.1	4,3	7.1	1.6								14.1	7,5
SSE	. 6	2.7	4.3	. 8								8.4	7,3
S	,0	1.8	2.5	.3								5.3	6.7
ssw	9	1.4	.1									2.4	4.4
sw	. 8	1.0	. 3									5.0	4,6
wsw	.0	. 8	.6	• 1								2.2	5.6
w	.2	. 5	. 1	• 1								1.0	3,5
WNW	• 1	. 4	. 8									1.3	7.1
NW	1.3	2.0	4.8	. 5								8,7	7.1
NNW	1.4	2.3	2.2	1.1								6.9	6.8
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$		><	$\geq \leq$	$\geq <$	$\geq <$	$\geq \leq$	5.5	
	17.0	33.8	37.1	6.7								100.0	6.

TOTAL	NUMBER	OF	OBSERVATIONS	9	3	1	,

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	PORT SHITH NET DOT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2,5	2.9	2.4	. 6	i							8.4	5.8
NNE	1.3	2.0	1.3	.4								5.1	5.7
NE	3.0	2.0	1.3	• 1								6,5	4.4
ENE	1.5	2.6	1.5	•1								5.7	5.2
E	1.6	3.3	2.5						T			7.4	5,4
ESE	1.0	2.6	4.7	.4		1						8.7	6.8
SE	1.6	5.2	4.8	2.0	_							13.7	7.3
SSE	. 9	3.4	5.6	. 8					1			10.6	7.2
S	1.2	1.2	1.8	. 5								4.7	6.3
SSW	,6	.6	.3									1.6	4.6
sw	1.7	1.0	, 2									2.9	3.8
wsw	.5	1.1	.4									2.0	4.8
w	1.1	.4	, 5	. 2								2.3	5.4
WNW	, 3	. 8	.5	• 2								2.0	6,4
NW	. 8	2.2	3.3	. 8							-	7.0	6,9
NNW	. 4	2.5	3.0	.5								6.5	7.3
VARBL													
CALM				> <	> <	> <	><	><	$\supset <$	><	\times	4.9	
	20.2	33,8	34.3	6.8								100.0	5,9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0.8-5 (OL·1) previous editions of this form are obsolete $_{\rm JUL~64}$

to the same of the

SATA PROCESSING SIVISION ETAC/USAS AIR MEATHER NEWVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

261U2	FORT SMITH MAT DOT APT	5 7=6 6	mAY_		
STATION	STATION NAME	YEARS	MONTH		
		ALL WEATHER	0600-0800		
		CLASS	HOURS (L.S.T.)		
		CONDITION			
					

	16,6	25,4	39,6	12.5		<u> </u>	<u> </u>	<u> </u>	<u> </u>			100.0	6.
CALM		$\geq \leq$	$\geq \leq$			$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5,6	
VARBL						L	L	L					
NNW	• 1	1,4	3.5	1,6								6.7	8,
NW	, 4	2,3	3,9	1.0	. 1							8,1	7,
WNW	1.1	1,1	1.0	1.4								4,5	7.
w	. 9	.6	.6	.5								2.7	6.
wsw	• 1	. 4	, 4									1.0	6,
SW	, 6	1.0	,6	• 1								2.5	5.
SSW	. 5	.4	,4							Ī		1,4	5,
S	1.0	1.2	3.4	.5								6.1	7.
SSE	1.0	2.7	5.6	1.6								10.9	7,
SE	1.3	3,5	3,2	2.8	.3	·				1		13,1	8,
ESE	1.6	2.3	4.3	.5						1		8.7	6.
E	2.5	2,6	3.1	.3			 			<u> </u>		8,5	5.
ENE	,6	1.5	1.7	1								3.9	6.
NE	1.4	1.1	1.2	. 2								3.9	5.
NNE	1.2	1.7	1.5	. 5						1		4.9	6,
N	1.7	1.6	3.0	1.3			 					7.6	7.
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{form}}{\text{JUL-64}}$ 0-8-5 (OL-1) Previous editions of this form are obsolete

Section 1.

DATA PROCESSING DIVISION ETAC/USAF AIR MEATTER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT OUT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L.S.T.)
		CONDITION	

	11.9	19.2	39.6	24.9	2.5	.1		ĺ	[[100.0	8.
CALM	$\geq \leq$	$\geq \leq$		><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.7	
VARBL		L		L									L_
NNW	, 5	.9	3,7	2.2								7,2	9,
NW	, 6	1,5	3,2	3.0	. 3	L						8,8	9,
WNW	4	4	2.4	1.1	,4							4,7	10.
w	1.1	1.2	. 3	. 8	,4							3,8	7,
wsw	, 3	.3	.4	, 5	.1							1.7	8,
sw	-,4	.5	. 8	. 9								2,6	8,
SSW	- 4	.2	. 6	4								1.7	8,
S	1.0	. 8	2.4	2.2	. 2							6.5	8,
SSE	. 6	1.1	3.9	4.9	.6	•1						11.4	10.
SE		1.8	4.3	2.8	.3				1			9.7	9.
ESE	. 9	1.0	2.5	1.6					1			5.9	8.
E	1.3	2.7	3.2	• 2								7.4	6,
ENE	.4	1.5	1.4									3.3	6.
NE	1.5	1.6	2.2	.2							~~	5.5	6.
NNE	. 4	1.6	2.8	1.0					 	T		5.8	7.
N	1.3	2.2	5.6	3.2			 					12.3	8,
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $^{\text{FORM}}_{\text{JUL 64}}$ 0-8-5 (Ol-1) previous editions of this form are obsolete

2

DATA PROCESSING DIVISION ETAC/USAF AIR REATRES SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NUT DOT APT	57=66	MAY
STATION	STATION NAME	YEARS	MONTH
	ALL	1200-1400	
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.7	4.9	2.2	.2							10.2	8.4
NNE	1.0	1.5	3.4	1.5								7.4	8.0
NE	. 6	1.9	2.4	• 1								5,2	6.2
ENE	.0	1.4	1.6	.3								4.0	6.4
E	.5	1.8	2.7	1.0								6.0	7.3
ESE	.2	.9	2.8	1.2	.2		· -					5.3	9.1
SE	,4	1.8	3.2	4.0	1.0							10.4	10.3
SSE	• 1	.4	2.8	3.4	.9	• 1]			7.7	11.
5	.5	.6	1.8	1.5	.3							4,8	9.7
ssw	•1	.4	.9	.6	.1							2.2	9,5
sw	.1	. 4	1.0	. 9	,3		Ī					2,7	10.6
wsw	.2	.3	.8	1.0	.4	• 1						2.5	11.3
w	.6	.9	1.6	1.3	. 2							4.6	8.7
WNW		. 9	1.7	. 8	.3	. 2						3.9	10.6
NW	. 9	1.2	4.8	4.2	.4							11,5	10.2
NNW	.6	1.3	4.8	3.3	.2							10.3	9.6
VARBL										T			
CALM	> <	> <	> <	><	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	1.0	
	8.0	17.5	41.3	27.2	4.0	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION FTAC/USAF AIR WEATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57- 66		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1500-1700
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KN75) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 5	2.5	4.9	4.0	, 3							12.3	9,2
NNE	1.3	1.6	3,4	1.3								7,6	7.7
NE	1.2	1.4	2.4	. 1								5,1	6.2
ENE	1.1	1.4	1,7	. 2								4.4	6,4
E	1.0	2,9	2.5									6,5	6.0
ESE	•1	1.4	3,3	1.5	- ,1							6.5	9.0
SE	. 9	1.0	3.5	3.0	. 5							8,9	9,9
SSE	•1	. 3	2.4	4.0	. 3							7,1	11.3
S	. 4	. 3	2.0	2.2	. 3							5,3	10.6
SSW	. 1	.1	. 5	.5								1,3	10.0
sw	. 5	3	, 9	. 8	. 1							2.6	8.3
wsw		. 3	. 5	. 8	. 3							2.3	10.2
w	2	. 5	1.0	1.3	, 1		·					3,1	10.0
WNW	• 1	.4	2.0	1.3	. 3							4,2	10.7
NW	, 9	1.8	3.7	4,9	. 3							11,6	10.0
NNW	. 4	1.0	3.9	4 . 5	. 3							10.1	10.4
VARBL													
CALM	$\geq \leq$		$\geq <$						><		\geq	1.3	
	9,1	17.3	38.7	30.4	3.1							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT OUT APT	57=66		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.Y.)
		CONDITION		

	13.5	22.7	39.9	21.3	.9	•1			_			100.0	7,0
CALM		\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	1.6	
VARBL													
NNW	. 5	1.3	5.7	3.3								10.9	9.
NW	. 4	1.5	2.8	3.1	.2		I					8,1	9.
WHW		. 5	1.0	1.5		•1						3,1	10.3
w	.3	-4	1.1	1.1]				2,9	8.3
WSW	• 2	.6	.6	.4			T					1.9	7.
5W	.0	.3	1.2	•1	.1							2.4	7.7
ssw	.1	.5	.3	.2		T		l				1.2	7.
5	.5	. 8	1.6	1.5								4.4	8.
SSE	.5	.9	3.9	2.8								8.1	9.
SE	.5	2.5	3.5	2.5								7.0	8.
ESE	.5	1.8	3.6	1.2	.2							7,5	8,
E	2.3	1.7	1.8	.3	 -	 	 		<u> </u>			6.1	5.
ENE	1.3	2.7	1.8	.1		<u> </u>	 	 	ļ — —			5.9	5.6
NE	3.4	2.6	1.5	• 2		T			f			7.7	4.
NNE	.8	1.8	2.4	.3	- 	 						5.3	6.5
N	1.4	2.7	6.9	2.6	.3		 		<u> </u>			13.9	8.2
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION ETAC/USAF 2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FURT	SMITH	NWT DU	TAPT			57=	56	,	EANS				Д ∀
		-				ALL WE	ATHER						2100 ·	=2300 (L.S.T.)
		-				COM	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	2.0	2.2	4.5	•2								8.9	6.4
	NNE	. 8	1.3	1.3	.5								3.9	6.8
	NE	2,6	3,0	1.2	• 1								6.9	4,7
	ENE	1.4	2.9	1,0	• 2								6,3	5.4
	E	3.2	3,5	2.0	• 1								8.9	4.9
	ESE	1.0	2,3	4.0	. 9								8,1	7.3
	SE	. 5	3,9	6,7	1.5	-1							12.7	7.7
	SSE	, 3	1,9	4,0	1.1								7.3	8.2
	5	. 4	9	2,8	• 8								5,3	7.6
	SSW		1.1	.1	• 2								1.4	6.3
	sw	1.2	1.1	,4	<u> </u>		 _		L	<u> </u>			2,7	4.1
	WSW	• 2	. 4	, 8	• 2								1.6	7.1
	w	,4	1.0	, 5	L								1.9	5,7
	WNW	4	1.0	, 5	• 1								2,0	5,8
	NW	1.5	1.8	3,7	, 9		ļ				ļ		7,8	6.8
	NNW	1.4	3.4	4.5	1.0	<u> </u>	ļ		ļ				10.3	7.0
	VARBL	k -	\leftarrow	-	 	<u> </u>							9.0	

TOTAL NUMBER OF OBSERVATIONS 930

100.0

6.3

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

38,8

DATA PRUCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/HAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FURT SMITH	NWT DO'	TAPT		57-66						JUN		
STATION		STATIO	NAME -						YEARS			MONTH	
	ALL WEATHER										0000-0200		
	•					CLASS						HOURS (L.S.T.)	
					co	NDITION							
г					,								

	23.2	32.6	30.2	4.9	.3				{			100.0	5,5
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.7	
VARBL								I					
NNW	14	1.8	2.4	1.0								5.7	7,8
NW	9	2.6	3.8	,4	• 1	.1						7.9	7.2
WNW	• 1	1.3	1.4	. 4	.1							3,4	8.4
w	1.0	1.0	. 8	.1	.1	1		1				3,0	5.7
wsw	1.3	.7	. 8		1							2.8	4.8
sw	2.3	1.7	.3									4.3	4.0
ssw	1.1	1.3	12	 -								2.7	4.1
5	2.2	2.9	2,9	.3		1			T			8.3	5.5
SSE	1.7	3.3	5.9	.6		 			<u> </u>			11.4	6.8
SE	1.7	4.0	5.0	1.2		 			ļ ———			11.9	7.0
ESE	- 9	1.3	2.3	.2	 	 	 	 				4.8	6.1
E	2.3	3.3	- 3 4	 		 		 		 	 	6.1	4,2
ENE	1.3	1.0	,3		 			 	 			2.7	4,3
NE	2.6	2.4		• • •			ļ	 	 			5.7	4.2
NNE	1.9	2.2	2.0	.3		 	 -	 				5,8 4.9	5.6
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SPEED

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION FTAC/USAF AIR REATMER SERVICE/MAC

26102 FURT SMITH NET DOT APT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

57-66

	_				ALL WE	ATHER							-0500
					•	LASS						HOUR	IS (L.S.T.)
	_				COI	IDITION							
	-									.			
	···			,	,		,		,	, ,		- 	,
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAI WINI SPEEL
N	1.4	1,7	2.1	.3	<u> </u>							5.6	5.
NNE	2.1	1.7	.6	.3		T			1			4.7	4.
NE	1.6	2.1	1.0									4.7	4.
ENE	.9	1.0	. 8									2.7	4.
E	3.1	3.2	1.0									7,3	4.
ESE	1.1	1.9	1,8	• 2								5.0	6.
SE	3.2	4.8	6.4	1.2						7		15.7	6.
SSE	1.2	4.9	3.7	1.0								10.8	6.
S	1.9	2.0	1.6									5,4	5.
ssw	1.3	1.2	. 3	I								2.9	4.
sw	1.7	1.4	. 4		I							3,6	4.
wsw	. 6	. 3	1.0						İ			2.1	5.
w	1.2	. 3	,6									2.1	4.
WNW	.4	,7	1.6	.7								3,3	7.
NW	1,8	1.9	4.1	. 9	. 3							9,0	7.
NNW	1.0	1.4	1.9	6	. 2							5.1	7.
VARBL													I
CALM										><	$\geq \leq$	10.1	
	24.8	30.6	28.8	5.2	.6							100.0	5.

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

PURT	SHITH	NWT DU	TAPT			57-	66		EARS				UN
	_				ALL WE	ATHER		<u> </u>				0600	-0800
	-					DITION				_		WOOK	((.)
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	2.1	•6								4.7	6.9
NNE	.8	1.8	1.7	.2								4.4	6.3
NE	1.3	1.2	.3									2.9	4.1
ENE	1.1	1.8	1.2									4.1	5,5
E	1.8	1.2	1.6	• 2								4.5	5.5
ESE	.7	1.9	1.3	.0								4.4	6,5
SE	2.8	4,9	5.6	1.6								14.8	6.7
SSE	1.3	3,7	4,9	1.9								11.8	7.3
S	1.1	2.1	2.3	.7								6.2	6.7
SSW	1.0	. 2	. 4	• 1								1.8	5.0
sw	. 9	9	. 9	• 1								2.8	5.4
WSW	1.0	1,2	9	. 4								3,6	5.8
w	9	, 9	1.2	. 6								3,6	6.9
WNW	1.1	1,4	1.8	1.0	, 1							5,4	7,7
NW	1.6	3,0	3.1	1.3	.1						l	9,1	7.2
NNW	, 9	1.8	2.8	1.1	. 3							6.9	8.1
VARBL													
							$\overline{}$		$\overline{}$	$\overline{}$		8,8	

TOTAL NUMBER OF OBSERVATIONS 900

BATA PROCESSING DIVISION ETAC/USAF AIR EAT ER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102	FURT	SMITH		T APT			57~	66		EARS.				UN
STATION			STATIO	# MARI		ALL WE	ATHER		,	12443			0900	-1100
		_					LASS						HOUS	IS (L.S.T.)
		_				CON	DITION							
	SPEED						· · · · · ·			<u></u>			<u></u>	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	SPEED
	×	1.3	1.9	2.7	1.4								7.3	7.3
	NNE	. 3	1.4	2.4	.6								4.8	7.4
	NE	1.7	1.7	1.8	. 3								5.4	5,8
	ENE	.4	.7	1.1	.4								2.7	7.6
	E	.6	2.3	2,1	.1		}						5.1	6.4
	ESE	. 4	2.0	2.1	1.0								5.6	7.3
	SE	.6	1.8	4.0	2.7	. 1							9,1	8.9
	SSE	. 4	1.1	4.3	4.1	•1					I		10.1	10,0
	5	.4	2.1	3.4	2.3	.2							8.6	8.8
	\$\$W	. 8	.7	.6	. 7								2.7	7.0
	SW	1.0	1.0	, 8	.7								4.0	5.9
	wsw	.6	.3	.7	. 6								5.1	7.8
	w	1.3	.8	, 9	.7								3.7	6.5
	WNW	. 6	1.3	2,4	1.7	. 3		.1			L		6.4	9.2
	NW	1.0	1.9	3.1	3.0	.6	L						9,6	9,3
	NNW	. 9	1.6	3.3	3.1	. 1							9.0	9.2
	VARBL	L			L									
	CALM		$\geq \leq$		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	3.9	
		12.9	22.6	35.8	23.3	1.4		. 1					100.0	7.9

900

TATA PROCESSING DIVISION ETACHUSAF AIR MEATHER SERVICEMMAC

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Fije	I SHITH	NAT DO	T APT			57-	66		rears .				UN
	-	\$1A1(0)			ALL WE	ATHER						1200	=1400 IS (L.S.T.)
	-				cor	HOITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	4.2	2.2	.1				 	}		9.1	8.8
NNE	. 0	1.9	3.0	1.0							i	6.7	7.7
NE	.7	1.0	1.9	٠.٤								3,8	6.6
ENE	.7	1.0	1.2	.4								3.3	6.9
E	1.3	2.0	2.0	.6								5,9	6.3
ESE	.2	2.1	1.4	• 1								3,9	6.4
SE	. 7	1.6	2.8	3.3	• 2							8.6	9,5
SSE	. 2	.7	3.0	5.0	- 7	• 1						9,7	11.0
S	, 9	1.0	2.7	3.0	. 2							7.8	9,8
ssw	• 1	.9	1.8	. 8								3,6	8,5
sw	. 8	.9	1.6	1.3	. 2			L				4. A	8.3
wsw	. 3	.6	.7	. 7			L			L		2.2	8.2
w	. 9	1.1	1.2	.7	. 1						L	4.0	7.2
WNW	. 3	1.1	2.1	1.9	.1	. 2						5,8	10.1
NW	. 4	1.2	3.4	4.8	1.1	. 4						11.9	11.2
NNW	.6	1.7	2.7	2.4	. 2		1					7.6	9.2

TOTAL NUMBER OF OBSERVATIONS

900

BATA PROCESSING DIVISION PTACYUSAF AIR EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

UZ.	FIRT	SHITH	NWT DO				37=	66		YEARS				UN
		_				ALL WE	ATHER						1500	-1700
		-					DITION				_			. (L.V.)
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.6	1.9	3.4	1.9	.1	• 1						9.0	7.9
	NNE	. 4	2.2	3.4	.7								6.8	7.2
	NE	1.3	1.0	1.3						T	1		3.7	5.5
	ENE	.4	1.2	1.6	•1								3.3	6,5
	ε	1.6	2.0	1,6	.6								5.7	5.9
	ESE	.4	1.9	2.2	•1								4.7	6.6
	SE	.2	1.3	3.4	2.7	.2							7.9	9.5
	SSE	. 8	1.0	3.9	4.0	.7							10.3	10.2
	S	.9	. 8	3.2	2.9	• 2							8.0	9.4
	SSW	. 2	.3	1.0	. 3	• 1							2.0	8.5
	sw	.6	.7	1.3	.7	. 1							3.3	8.1
	wsw	. 2	.8	1.6	. 8						1		3.3	8.6
	w	. 3	.7	1.6	. 6								3.1	7.8
	WNW	• %	.7	2.4	1.7	. 3							5,3	9.8
	NW	.4	1,6	3,3	4.0	, 9	.6						11.0	11.1
	мим	. 2	1.9	4.0	3.4	. 8							10.3	10.0
		1			1	1	,		1				11	_

TOTAL NUMBER OF OBSERVATIONS

8,6 900

100.0

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) previous editions of this form are obsolete

20.1 39.3 24.3

MATA PROCESSING DIVISION FTAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SHITH NWT DUT APT	57-66		JUN
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L S.T.)
	—· —· -	CONDITION		

	13.4	25.7	39,8	16.0	1.4		•1					100.0	7,4
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	\times	$\geq \leq$	><	$\geq <$	3.6	
VARBL													
NNW	. 3	1.3	6.3	2.8	.1							10.9	9.
NW	. 4	.8	3.8	2.7	.9		 -					8.6	10.
WNW	. 6	.4	1.3	. 9			.1			1		3.3	9.
W	.7	1.4	1.6	.2						<u> </u>		3.9	6.
wsw	. 4	1.3	1.0	.4	.2							3.4	7.
sw	• 3	. 9	.4	. 3		-						2.0	6.
SSW	.6	.9	1.0	.3	- · · ·							2.8	7.
s	.6	1.2	3.3	1.8	.1		<u> </u>		 -	 i		7.0	8.
SSE	• 1	1.6	4.1	2.4					ļ			8.2	9,
SE	1.3	3.3	4.0	1.7	.1	ļ	<u> </u>			 		10.4	7.
ESE	.9	2.3	1.0	•1	 	 	-			-		4.9	5.
E	2.2	2.7	.8	 -	 				 			3.1	4.
ENE	2.7	1.8	1.1	 		 	 		 			5.3	5.
NNE NE	2.4	1.8	3,3	• 1	<u> </u>	 		<u> </u>				7.1	7,
N	1.1	1.7	5,3	1.7		 -	<u> </u>					9,8	7,
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	WEA SPEE

TOTAL NUMBER OF OBSERVATIONS

300

DATA PRUCESSING MIVISIUM ETAC/USAF AIR "EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RT SMITH NET DUT APT	57-66		JUN
STATION NAME		YEARS	MONTK
	ALL WEATHER		2100-2300
	CLASS		HOURS (L.S.T.)
	CONDITION		
•		STATION NAME ALL WEATHER CLASS	STATION NAME ALL WEATHER CLASS

	22.0	31.0	30.7	5.3	.4							100.0	5,4
CALM		><	><	><	><	><	><	><	><	><	><	10.0	İ
VARBL													
NNW	.4	2.9	3.8	. 8								7.9	7.
NW	1.1	2.7	3.7	1.2	.2				I			8.9	7.0
WNW	. 2	. 6	1.4	. 3	.2							2.8	8.
w	. 4	1.0	.7									2.6	5.
wsw	.9	1.3	. 4									2.7	4.
SW	1.1	1.4	.3		· · · · ·	T		1				2.9	4.
SSW	1.4	1.0	1.0	• 1								3.6	5.
5	1.1	2.1	3.8	•1								7.1	6.
SSE	.9	2.1	4.4	• 2			-		_			7.7	7.0
SE	1.9	5.6	4.8	1.2								13.4	6.4
ESE	1.8	1.3	1.1	• 1								4.3	5.
E	3.4	2.0	.9				 					6.3	3.
ENE	1.1	1.8	1,0					·			-	3.9	5.
NE	3,3	1.2	.1	`			-	-	-			4.7	3.4
NNE	1.3	1.8	1.1	•1							···	4.3	5.
N	1.0	2.2	2.1	1.1		-	 		 -	 		7.0	6.0
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WING SPEED

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) previous editions of this form are obsolete

DATA PROCESSING DIVISION FRACTURAL AIR JEATTER RENVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20102	FORT	SMITH	NWT DC	T APT		_	57-	66						UL
STATION			STATIC	M NAME						YEARS				MONTH
						ALL WE	ATHER						0000	-0200
		-				•	LASS						HOUR	S (L.S.T.)
		_					DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.1	2,7	1.5	•1								5.4	5.5
	NNE	.5	.8	.6									1,9	5.4
	NE	1.0	1.9	1,1									4.0	5.1
	ENE	1.0	1.4	.4									2.8	4.5
	Ε	1.7	3.4	.8		1			1				5.9	4,6
	ESE	. 9	2.7	,9							1		4.4	5.0
	SE	1.9	3.5	4.1	. 4								10.0	6.1
	SSE	• 1	2.9	5.4	. 8								9.1	7,5
	S	1.4	2.8	4.7	.3								9.2	5.4
	SSW	1.1	1.1	1.2	• 1								3.4	5.4
	sw	1.2	1.4	.9									3,4	5.1
	wsw	. 5	1.0	1.0									2.5	5.5
	w	1.3	1.1	.9	• 1								3.3	5.1
	WNW	1.0	1.7	2,6	1.0	.1							6,3	7.4
	NW	1.5	3.1	6.0	1.5	.4	• 1						13.0	7.7
	NNW	1.1	1.8	2.4	, 5								5.8	6.6
	VARBL		Ī											
	CALM		$\geq \leq$	\geq	\geq	\geq	>	\geq	\geq	$\geq <$	\geq	> <	9.4	
		17,5	33.3	34,3	4.8	, 5	•1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PRUCESSING DIVISION ETACIUSAF AIR WEATHER SERVICE/MAC 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102 STATION	FURT	SHITH	NET DO	TAPT			57-	56		YEARS		<u></u>		U L
SIATION		-				ALL WE	ATHER				_ _		0300	=0500 Hs (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.2	2,3	, 9									4.3	5.0
	NNE	. 3	.3	. 5									1,2	5,5
	NE	1.5	.4	.6	• 1								2.7	4.6
	ENE	1.6	1.1	1.2	•1								4.0	5.0
	E	2.8	1.8	1,0						l			5.6	4.2
	ESE	1.4	2.2	1.7					•				5.3	5,4
	SE	1.5	4.3	4.6	. 4					-			10.9	6.1
	SSE	1.1	4.3	5.2	. 5				-				11.1	6,8
	S	2.0	2,5	2.2	.2								6.9	5.6
	ssw	1.3	.6	1.1	.2								3.2	5,5
	sw	2.8	1.4	.6									4,8	4.2
	wsw	1.3	.6	1.0	•1							_	3,0	5.2
	w	. 8	, 9	1.4	• 1								3,1	6,3
	WNW	.4	2,3	2.4	. 8	.1							5,9	7.5
	NW	1.1	4.4	5,5	1.5	. 2							12,7	7.4
	NNW	1.2	1.7	2.0	. 8	.1							5,8	7.3
	VARBL													
	CALM						><	><	\geq		><	><	9.6	
		22.3	31.1	31.8	4.8	.4	,						100.0	5,5

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION ETACZUSAF AIR WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	j U L
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0600-0800
		CLASS	HOURS (L.S.T.)
		CONDITION	
			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	1.9	• 3								5.5	6.0
NNE	,6	.6	, 3									1,6	4.6
NE	1.2	1.1	, 5									2.8	4.6
ENE	1.0	1.1	. 6									2,7	5.3
E	1.7	2.7	1,1	• 1								5.6	5.0
ESE	.4	1.3	1.3	. 5								3.5	7.3
SE	1.9	5,7	4.4	.5								12.6	6.2
SSE	1.4	2.2	4,4	1.2								9.1	7.3
\$	1.2	3.2	1.5	. 5								6.5	5,9
ssw	1.0	1.1	1,1	.3								3,4	6,3
sw	1.1	1.9	1.0	.4								4.4	5,8
wsw	. 8	.9	.6	• 2								2,5	3.7
W	. 8	. 8	1.3	• 6								3,2	6,6
WNW	1.2	1.4	1,6	1.1	. 2		<u> </u>					5,5	7.9
NW	2.0	4.6	6.6	2.8	. 2							16.2	7.6
NNW	.6	1.7	2.9	• 3	• 1							5.7	7.4
VARBL		Ļ,		Ļ.,	L		L		L .	L .	L		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq <$	$\geq \leq$	><	><	9,1	_
	18.5	31.8	31.2	8.8	. 5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) previous editions of this form are obsolete

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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FURT SHITH NWT DOT APT	57-66	JUL					
STATION	STATION RABE	TEARS	MONTE					
	ct.	ASS	HOURS (L.S.T.)					
	CONI	DITION						

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	,6	2.4	2,7	.9								6.6	7.2
NNE	. 6	.2	1.6									2.5	6.9
NE	1.5	2.2	. 9	•1								4.6	4.9
ENE	.5	1.6	.3	• 2								2.7	5.5
E	1.0	3.2	1.2	.2						· · · · · ·		5.6	5.5
ESE	1.0	.5	1.6	. 3						1		3.4	6.1
SE	. 8	2.3	4.3	1.3					<u> </u>			8.6	7,9
SSE	. 5	1.1	3.2	3.4								8.3	9.6
S	. 8	1.5	3.4	2.0			l					7.7	8.3
ssw	. 3	.6	1.1	- 5			· · · · · · ·		·			2.6	7.6
sw	. 11	2.0	2.2	1.0			 		-			5.9	7.4
WSW	.4	1.1	1.4	.6	.1					 		3.7	8.1
w	. 4	2.6	2.3	1.0				<u> </u>				6.7	7.0
WNW	9	1.6	3.3	1.4						-		7.2	7.8
NW	. 4	2.2	5.8	4.6	.4	•2						14.1	9,6
NNW	1.5	1.3	2.5	2.3	•2	• • •		<u> </u>	 			6.8	9,2
VARBL			6.5	2.3	• •		 		<u> </u>			9.0	7,42
									$\overline{}$	\leftarrow		4	
CALM			\geq			\searrow		><	\searrow		$>\!\!<$	3,1	
	11.9	26.3	37.7	19.9	, 8	• 2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

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DATA PROCESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00
.T.)

	8.8	20.5	40.4	25.7	2.3	. 2						100.0	8.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.9	
VARBL	L	L	L	L	L		L					ļ	L
NNW	.5	1.0	3.8	2.5	. 3							8.1	9,
NW	.6	1.8	6,5	5.8	. 8	• 1						15.6	10.
WNW	. Z	1.2	3,1	1.9	.2							6.7	9,
w	• 1	1.4	2,2	.9	. 2							4,7	8,
wsw	.5	1.1	1.4	.9		•1						4,0	8.
sw	.4	1.5	2.9	1.2	1.							6.1	8,
ssw	.2	.6	1.7	.9								3.4	8,
5	.9	1.3	3.3	3.4	13							9.2	9,
SSE	.3	- 3	2.4	3.3	- 2				 			6.6	10.
SE	. 4	1.6	3.1	1.7	.1							7.0	8
ESE	. 5	1.2	1.7	.4				 				3.9	7,
	.5	2.2	2.0					 				4.7	6.
ENE	- 9	.8	-::	•1				 		 		2.5	5.
NE	1,4	1.8	1.1	•1				 				4.4	4.
NNE	.6	1.3	1.5	.9	·							4.3	7
N	.5	1.6	3.0	1.7		_						6.9	8.
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 930

DATA PRUCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	jUL
STATION	STATION HAME	YRARS	MONTH
	ALL W	EATHER	1500-1700
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 8	2.2	3.5	1.2		• 1						7.7	7.9
NNE	.9	1.2	2,2	.4								4.6	6.9
NE	1,2	. 8	4	. 1								2,5	4.6
ENE	. 8	1.5	1.4	• 1								3.8	5,7
E	1.6	2,5	1,1	• 1								5,3	5.0
ESE	1.	1.4	1.2	•1								2.8	6.7
SE	1.2	2.0	3.0	1.8	. 2							8,3	7.8
SSE	.4	1.4	2,9	2.7	.4		L	L				7.8	9.9
S	, 5	1.1	1.8	1.7	.1		<u> </u>					5.3	9.0
ssw	.1	. 5	1.4	1.5	.2		<u> </u>					3.8	10.0
sw	1.1	1.4	2.5	1.2	.2							6,3	8.1
wsw	9.8	1.4	1,2	. 6								4,1	7.1
w	, 4	1.4	2.4	.6	.1		L					4,9	7.8
WNW	, 3	1,1	2.4	2.9	. 2							6,9	10.4
NW	,4	2,4	5,7	4.4	. 5							13.4	9,8
NNW	,6	1.0	4.5	3.5								9.7	9,5
VARBL						L	<u></u>	L					
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.8	L
	11.2	23.1	37.5	23.2	2.0	_ •1_						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT SMITH NWT DOT APT	57=66		յևլ
STATION	STATION NAME		ERARY	MONTH
		ALL WEATHER		1800-2000
		CLASS		HOURS (L.S.T.)
		CONDITION	-	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.9	4.9	1.2								12.0	5.7
NNE	1.0	1.2	1,1	•1								3.3	5.6
NE	1.9	1.7	, 3									4.0	4.1
ENE	. 9	. 8	.4				, ,					2.0	4.5
E	3.1	2.2	.6									5.9	4.0
ESE	. 4	2.3	, 6	• 1								3.5	5.5
SE	1.4	2,9	3.3	.9								8,5	6.5
SSE	1.0	1.9	3,3	1.4	. 1							7.7	7.7
S	1.0	2.0	2.9	.9								6.8	7.1
ssw	.6	, 9	1.6	.6								3.8	7.5
sw	.6	1,4	1.3	. 3								3,7	6.3
wsw	.2	. 9	1.0	. 4								2.5	7,7
w	, 6	1.6	1,9	.3								4.5	6.5
WNW	, 3	. 9	1.7	1.0	_							3.9	8.4
NW	1.1	2.6	4.8	3.2	. 1							11.8	8,5
NNW	1.0	2.3	4.6	2.2								10.0	8.0
VARBL				Ţ. _									
CALM		><		><			><			$\supset <$	><	6.0	
	17.2	29.2	34.7	12.6	.2							100.0	6,4

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FORT	SMITH	NAT UC	TAPT			57-	66		FEARS				UL.
312100						ALL WE	ATHER						2100	=2300 s (Ls.T.)
						CO	NDITION							
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	3.1	2.8	1.6									7.5	4.7
	NNE	1.1	, 9	, 8		7						-	2.7	4,7
	NE	2.2	1.5	, 3	• 1								4.1	4.3
	ENE	1.2	. 8	.4								1	2.4	4.5
	E	3.3	2.7	.4			<u> </u>						6.5	3.8
	ESE	.3	2.0	1.2									3,5	5.7
	SE	2.2	3,3	3,3	.4								9.2	6.0
	SSE	.6	2.9	5.7	• 2								9.5	6.9
	5	1,3	3,2	5,3	. 1								9.9	6.4
	ssw	, 5	1.1	. 3	.4								2.4	6.4
	sw	, 6	1.0	.6	. 3								2.6	6.5
	wsw	-,4	• 1	4									1.0	5,0
	w	1.0	1.4	1.1	1								3,5	5,4
	WNW	. 8	1,7	1.3	1.1	.1							4.9	7.6
	NW	1.8		3,8	1.6	. 1							11,2	7.2
	NNW	1.0	3.0	3,3	. 1								8.1	6.1
	VARBL										L			
	CAIM												11.1	

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT SMITH NWT DOT APT	57 =6 6		AUG
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (L.S.T.)
		COMPLITION		

	20.9	32.8	30.8	4,5								100.0	5,3
CALM												11.1	
VARBL	• • •			1.6	-	 		-				7.01	3,0
NNW	***	1,5	1.9	.2	-	 		-		 		4.1	6.8
NW	1.1	2.6	3.4	.8	 					 		7.8	6.9
WNW	.3	1.9	1.9	.8		-	 					4,9	7.4
w	1.1	1,7	.2				 -					3.0	4,3
wsw	1.1	1.5	1.6		 	 						4.2	5.5
sw	1.8	2.3	.5									4.6	4.
SSW	1.1	1.3	1.2						1			3.5	5.2
S	2.0	4.4	3.3	.2		1	l				-	10.0	5.1
SSE	1.2	4.2	7.4	.9								13.7	7.2
SE	1.3	3.7	3.5	1.0								9.5	6.8
ESE	. 8	1.0	1.2	.2	1							3.1	6.1
E	3.2	2.6	1.1	•1	T							7.0	4.
ENE	.5	1.1	1.0									2.6	5.9
NE	1,7	1.6	, 2									3.5	4.0
NNE	, 9	, 5	. 8									2.2	5.2
N	2.4	1.0	1.4	.4								5,2	5.4
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM $_{\rm JUL~64}$ 0.8.5 (OL 1) previous editions of this form are obsolety

DATA PROCESSING DIVISION ETAC/USAF AIR MEAT 'ER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NUT DOT APT	57=66	AJG
STATION	STATION NAME	YEARS	HONTH
	AL	L_WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	.6	-1								3.7	5.0
NNE	. 3	.6	.1									1.1	4.7
NE	1.1	.9	.4	.1								2.5	4.7
ENE	1.6	1.3	.5	T		1						3.4	4.3
E	1.5	3.0	.8									5.3	4.6
ESE	1.3	2.6	1.7	• 2								5.R	5,5
SE	1.3	4.7	4.5	.9		 			<u> </u>	-		11.4	6.4
SSE	1.7	5.5	5.2	. 8			-					13.1	6.4
5	3.0	3.9	2.2	•2								9.2	5.0
ssw	. 9	. 4	• 2	, · · ·				<u> </u>		_		1.5	3.9
sw	3.1	1.2	.6	 						-		4.9	3,9
wsw	1.9	1.3	1.0						 			4.2	4,5
w	2.3	. 9	.9									4.0	4.2
WNW	. 4	1.3	2.7	1.2								5.6	8.4
NW	1.5	2.5	3.2	.3		 						7.8	6,3
NNW	- 4	1.1	2.7	.4	•							4.7	7.8
VARBL	†	†	 - = -	1	 							† -	<u>* -</u>
CALM									> <		>	11.7	
	23,5	33.1	27.3	4.2	.1	***************************************			<u></u>			100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIRT	SHITH	BINT DC	TAPT			5*	1-66						AU	G
STATION			STATIO							YEARS				M	PHTH
						ALL	WEATHER	i .						0600-	0000
		-		CLASS										MOURS	(L S.T.)
		~					CONDITION								
		_													
Γ		T											7		MEAN

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1,9	, 9	1.6	• 4								4.8	6.0
NNE	.5	. 5	.1	• 1								1,3	5.
NE	, 4	1.1	.4									2.4	4.
ENE	. 8	1.0	1.3	• 1								3.1	0.
E	2.5	2.0	1.1	• 1								5.7	4.
ESE	1.1	1.3	1.9	.3		İ						4.6	6.
SE	1.6	5.4	3.8	.6								11.4	6.
SSE	2.4	3,8	6,2	1.2								13.5	6,
S	2.8	2.7	2.4	.6								8,5	5.
ssw	1,4	, 8	-4									2,6	4.1
SW	2.3	1.5	1.0	L								4.7	4.
wsw	و و	.6	1,5				<u> </u>					3,0	5,
w	1.5	. 5	1.1	. 2								3,3	5.
WNW	,6	1.2	2,0	1.0						<u> </u>		4.8	8,
NW	1,5	3,5	3,5	. 8	. 3				Ĺ			9,7	6.
NNW	1.1	1.8	2.6	.6								6.1	6.
VARBL		L				Ĺ					Ļ	1	ļ
CALM						$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.3	
	23.7	28.6	31.0	6.1	.3							100.0	5,

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM $_{\rm JUL~64}$ 0-8-5 (OL·1) previous editions of this form are obsolete

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2

. . .

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC(C)
JAN 72
USAFETAC/DS-81/044
SBIE-AD-E850 072
M. AD-A100 249 UNCLASSIFIED SBIE-AD-E850 072 2 = 5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIRT SMITH NWT DOT APT	57 -6 6	AUG
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0900-1100
		CLAS	HOUSS (L.S.T.)
		CONDITION	

DIR.	1.3	1.7	2.0	1.2	.3							6.5	7.
NNE	1.0	1.2	1.7	• 2					-			3.9	5.
ENE		.9	.9	•1	· -				 			2.5	5.
Ε	1.6	2.3	1.4									5,3	5.
ESE	, 5	1.1	1.7									3.3	6.
SE	1.5	2.6	3.4	2.3	.1							9.9	7.
SSE	1.0	2,6	4.8	2.2								10.5	8.
S	1,4	2.5	4,1	1.2	.1							9.2	7.
SSW	.6	1.0	.6	.2								2.5	6.
sw	1.0	1.6	.9	• 2		ļ	ļ			ļ		3.7	5,
wsw	<u> </u>	1.0	2.7	1.2								7.0	6. 7.
W WNW	1.5	2.2	3.2	2.0						-		8.1	8.
NW	2.0	2.4	2.9	1.9	.9					 		10.1	8.
NNW	.9	1.4	2.8	1.8								6.9	8.
VARBL				† 									
CALM		$\supset <$		$\supset <$	$\supset <$	\sim	> <	> <	$\overline{}$	\sim	> <	4.7	
	16.7	27.0	35,3	14.9	1.4				<u> </u>			100.0	7.

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT SMITH NET DOT APT	57-66		AUG
STATION	STATION NAME		YEARS	MONTH
	A	LL WEATHER		1200-1400
		CLASS		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	2.5	1.8							_	6.5	8.3
NNE	.4	1.2	2.0	• 1								3.8	6.4
NE	1.1	1.4	1.0	.2								3.7	5.0
ENE	.0	1.3	.5	•1				· · · · · ·				2.6	5.
E	1.9	2.0	1.8	1					<u> </u>	1	-	5.8	5.
ESE	.3	1.6	1.6	.5					<u> </u>			4.1	7.
SE	1.5	1.4	3.4	1.7	• 1				<u> </u>			8.2	7.
SSE	. 8	.9	3.4	2.3								7.3	9.
5	. 4	1.2	3.3	3.1	.1	.1			-			8.3	10.
SSW		.4	1.7	. 9								3.0	9,
SW	. 8	1.1	1.9	1.0								4.7	7.
WSW	. 15	. 8	1.5	. 4							· · ·	3.4	7.
w	. 4	1.3	3.4	1.7	•1	•1						7.5	8.
WNW	.3	1.7	4.3	2.5	.4	•1						9.4	9.
NW	1.2	2.4	5.4	2.9	. 9							12.7	8,
NNW	.4	.6	2.5	2.4	.2					· ·		6.1	9,
VARBL	•	-							· -			 	
CALM			\geq		\geq	> <			> <		> <	3.0	
	12,5	20.3	40.4	21.6	1.8	. 3						100.0	8.

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM $_{AUL~64}$ 0-8-5 (OL-1) Previous editions of this form are obsolete

DATA PRUCESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/HAC

> WNW NW NNW VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIJET	SHITH	NET DO	T APT			57-	66						UG
STATION		_	STATIO	HAME		ALL WE	ATHER			YEARS			1500	иолти -1700 s (L.S.Y.)
		-					DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	1.1	2.3	3.7	2.3	.2							9,5	8,5
	NNE	, 8	1,3	1.1	•2								3,3	6,2
	NE	1.1	1.1	1.2	•1								3.4	5.7
	ENE	. 8	1.6	. 5	• 1								3,0	5,3
	E	1.3	1.0	1.1	. 1								3.4	5.3
	ESE	. 8	1.0	2.0	. 3								4.1	7.1
	SE	1.6	2.0	3.3	1.3	. 2	.1						8.6	7.6
	SSE	• 2	.9	4.7	1.6								7,4	9.1
	S	1.4	1.1	3.2	3.0	. 3	• 1						9.1	9.2
	SSW	. 0	8 .	2.0	. 4	, 2							4,1	8.1
	sw	. 9	.9	1.7	. 3	. 1							3,9	7.2
	wsw	. 4	.4	2.0	. 3								3,3	8.2
	w	. 9	, 6	1,5	1.2								4,3	6.3
	WNW		1.5	3.2	2.3	. 4							8,2	9.2
	NW	. 4	1.6	5,5	4.0	1.0							12,4	10.0
	NNW	. 5	1.2	3,4	2.4	. 3				T			8.1	9.2

					100.0	8.0
OTAL	NUMB	ER OF	OBSERVA	TIONS		930

DATA PROCESSING SIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FURT	SHITH	NWT DO	TAPT			57=	66		TEARS				U G
•		-				ALL WE	ATHER						1800	=2000 s (L.s.T.)
		-				cox	NOITIG				<u> </u>			
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	2.0	3.7	3.2	.9	.1			-				10,2	6.4
	NNE	1.1	1.1	. 8	.4					ļ ————			3,3	5.6
	NE	1.2	1.3	, 8				• 1				_	3.3	5,6
	ENE	1.0	1.5	, 3									2.8	4,5
	E	2,0	1.6	.6									4.3	4.0
	ESE	1.2	1.9	1.2									4.3	5.2
	SE	1,6	4.0	2.9	1.4	. 1							10.0	6.9
	SSE	1.0	2,9	5,2	. 4								9,5	7.1
	S	1,9	3,4	3.1	. 9	.1							9,5	6,3
	ssw	•1	1.1	. 8	. 3								2,3	7,2
	sw	, 9	1.6	, 9									3.3	5.4
	wsw	1.C	. 8	, 4									2,2	4.7
	w	, 3	.6	1.0	• 1								2,0	6,4
	WNW	1.0	1.2	1,9	. 6								4,8	7,2
	NW	1.0	2.5	3,5	1.9	.4	L						10.2	6,4 7,2 7,9
	NNW	1.0	4.0	4.2	1.6								10.5	7.4
	VARRE	16	1		1	ł	1		1		1 -		11	

TOTAL NUMBER OF OBSERVATIONS 930

6.0

DATA PROCESSING DIVISION FTAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH	NET DOT APT	57 -6 6		AUG
STATION		STATION NAME		YEARS	MONTH
			ALL WEATHER		2100-2300
			CLASS		HOURS (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.4	1.7	.6	.1							7,3	5,8
NNE	,6	.8	.6	• 1								2,2	3.7
NE	1.8	. 8	. 2									2,8	3.5
ENE	1.2	1.2	,6									3.0	4.6
E	1.6	2.4	1.0							Ì		4.9	4.5
ESE	, 4	1,9	. 8	• 1								3.7	5,3
SE	2.0	3,3	4,9	1.1								11.4	6.6
SSE	.5	3.7	9.1	.6	.2							14.2	7,5
5	1.2	3.5	4,4	•1								9.2	6.3
SSW	. 3	1.0	1.0									2.3	6.0
sw	1.5	1.3	. 2									3,0	4.1
wsw	. 2	. 8	. 8	•1								1.8	6.4
w	1.3	. 8	1,1	.2								3,3	5.5
WNW	. 5	1.0	2.0	1.0								4.5	5.0
NW	1.3	3.7	3.8	1.3	_							10.0	7.1
NNW	1.0	1.9	1.9	• 2	.1							5.2	6,5
VARBL										`			
CALM		\geq	\times	\geq	\geq	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq <$	><	>>	11.2	
	18.5	30.2	34.2	5.5	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETACZUSAF AIR WEATZER SERVICEZBAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	37=66		SEP
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.6	-4	. 1							4.3	7.0
NNE	1.3	1.2	. 8									3.3	4.6
NE	. 8	1.6	.3						·			2.7	4.4
ENE	. 7	.9	1.2									2.8	5,6
E	2.2	1.7	. 8									4.7	4.4
èSE	1.0	2.2	1.4						·			4.7	5.4
SE	2.1	3.9	4.6	.6								11.1	6.
SSE	1.2	2.9	6.3	2.4	T							12.9	7,
S	2.6	1.7	3.6	.7								8.4	6.
SSW	.7	. 4	. 2						i			1.3	4.
sw	1.2	1.0	.6						<u> </u>			3.3	4.1
wsw	1.1	1.2	1.2	.4								4.0	6.4
w	1.2	2.1	1.3	.1								4.8	5,4
WMW	. 2	1.4	2.3	1.7		-						5.7	8,0
NW	1.2	2.6	4.7	1.3	.4	•1						10.3	8,
NNW	1.2	1.8	2.3	.7								6.0	6.
VARBL							 						
CALM		$\supset <$	><			><		><		$\supset <$	> <	9.7	
	19.4	28,7	33.2	8.3	.6	•1						100.0	5,

TOTAL NUMBER OF OBSERVATIONS	900

2

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20102	FORT SMITH NWT DO	T APT	57-66		SEP_	
STATION	STATIO	N NAME		YEARS	MONTH	
		ALL_WE	ATHER	_	0300-050	0
			CLASS		HOURS (L.S.T.)	,
		ÇO	KOITIGH		-	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	, 9	1.2	1.1	• ó								3.8	6,
NNE	.3	. 8	.7	•1								1.9	5.
NE	1.0	2,6	.7	.1								4.6	5.
ENE	, 3	.6	1.1									2.0	6.
£	1.3	.9	.4									2.7	4.
ESE	1.8	2.2	2.0	.3					1			6.3	5.
SE	1.8	3.4	4.6	1.0						<u> </u>		10.8	6,
SSE	.9	2.6	7.6	1.9								12,9	8,
5	2.0	2,4	2.9	.9	·				· · · · · ·			8.2	6.
SSW	1.2	.6	.2								_	2.0	3,
sw	1.8	2.4	1.0	•1								5.3	4.
wsw	1.4	.7	1.2	,6					 			3.9	6,
w	. 3	1.1	1.8	.1	f	 	 					3.8	6,
WNW	.4	2.6	3.7	1.6		<u> </u>		 				8,2	7.
NW	8	2.1	4.8	1.0	.6	-1		 				9.3	8,
NNW		1.0	2.0	1.8		-		-		<u> </u>		5.7	8,
VARBL	17	••9	5.0	4.00	 	 			 			 	•
CALM												8.7	
	17.7	27.3	35.7	10.0	.6	.1						100.0	6.

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC $\frac{\text{FORM}}{\text{RIL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSINE DIVISION ETAC/USAF AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT SMITH NET DUT APT	57-66	SEP
STATION	STATION NAME	YEARS	HONTH
		ALL WEATHER	0600-0800
		CLASS	HOURS (L.S.T.)
	 	CONDITION	

	17.0	24.4	35,9	12.7	.6							100.0	6.4
CALM	\sim	><		\sim	\sim	\sim		> <	\sim		$\overline{}$	9.4	
VARBL	i						-						
NNW	.7	. 8	1.9	1.0						1		4.3	8.
NW	1.0	2.3	5.3	1.8	.6			<u> </u>				11.0	8,
WNW	.4	1.9	2.6	1.7								6.6	8,
w	.9	1.7	1.3	•1						t		4.0	5.
WSW	.6	1.3	1.7	. 9			<u> </u>					4.4	7.
sw	2.1	1.3	, 9	•1								4.4	4.
ssw	. 9	. 8	. 3									2.0	4.
5	2.6	1.6	2.6	. 9							· · · ·	7.6	6.
SSE	1.4	2.2	7.1	3.0								13.8	8.
SE	1.8	3.2	5.4	1.2								11.7	7,
ESE	1.1	1.4	1.8	.4			1					4.4	6.
E	1.0	1.2	.9	•1			•		+ 			3,2	5,
ENE	. 4	1.7	. 8				<u> </u>		1	1		2.9	5,
NE	.9	. 9	1.0	• 2		1				!		3.0	3.
NNE	.4	.6	.6	.4						1		2.0	7.
N	. 8	1.6	1.8	• 8								4.9	7,
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI

TOTAL NUMBER OF OBSERVATIONS 900

DATA PRUCESSING DIVISION ETAC/USAG AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FURT	SMITH	HKT UD	TAPT			57-	66					51	EP
STATION		STATION NAME YEARS										MONTH		
						ALL WE	ATHER						0900	-1100
							LASS						нои	IS (L.S.T.)
							DITION							
						201	IDI I ION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	•6	1.3	2.1	1.9	.3							6.2	8.9
	NNE	,7	1.1	1.4	.7								3.9	7.2
	NE	,0	, 9	,7	•1								2,2	5,8
	ENE	.7	.7	1.0	•1								2.4	6.0
	E	. 2	.3	. 9									1.4	6,8
	ESE	. 3	1.0	2.1	- 2	i	1						2.7	7.4

DIR.			' '				""	•• ••		10 100		~	SPEED
N	•6	1.3	2.1	1.9	.3							6.2	8.9
NNE	.7	1.1	1.4	.7								3.9	7.2
NE	,0	, 9	,7	• 1								2,2	5.8
ENE	.7	.7	1.0	• 1								2.4	6.0
E	. 2	.3	, 9									1.4	6.8
ESE	. 3	1.0	2,1	• 2								3.7	7.5
SE	1.4	1.2	4.2	2.4								9.3	8.5
SSE	1.1	2.3	5,2	5.6	.1							14.3	9.3
s	. 9	1.4	3,4	2.3	. 2							8.3	9.1
ssw	.6	. 4	1,0	. 3								2,3	7.0
5W	. 3	1.2	,7	.4								2,7	7.1
WSW	. 3	1.0	,6									1,9	5.8
w	. 8	2.3	2.9	1.2								7,2	7.6
WNW	. 3	2,4	5,1	2.7	. 8							11,3	9.4
NW	, 7	2.4	4,4	2.0	. 9	• 1						10.6	9,3
NNW	1.1	. 8	1.7	1.9	. 1	_						5.6	9.0
VARBL													
CALM								> <	$\supset <$	> <	><	6.6	
	10.6	21.0	37.4	21.9	2.4	•1						100.0	7,9

TOTAL NUMBER OF OBSERVATIONS	900
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NATA PROCESSING DIVISION ETACZUSAF AIR LEATHER SENVICEZHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NET DUT APT	5 7~6 6	SEP
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
		CONDITION	_ - _

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	3.1	2.4	.1	_			<u> </u>			8.2	8.5
NNE	. 3	.7	1,1	• 8		_						2.9	7.9
NE	. 8	.2	.4	. 3								1.8	6.3
ENE	• 2	.6	. 9									1.7	6.5
E	1.1	. 9	.9									2.9	5.0
ESE	. 3	1.0	1.4	.6				-				3,3	7.3
SE	1.3	. 9	4.4	2.4	. 2							9,3	9.1
SSE	.3	.9	3.4	5.0	. 8							10.4	11.2
S	• 2	.9	2.1	3.2	.2							6.7	10.4
SSW	• 1	.4	1.1	1.2	.1							3.0	10.3
sw	.3	1.2	1.8	.7	. 2							4.2	8.4
wsw	. 3	. 8	1.9	. 4								3,6	7.8
w	.7	2.1	3.1	1.8	•1	•1					_	7.9	8.7
WNW	. 4	1.8	4.3	3.8	1.3	•1	<u> </u>					11.8	10.8
NW	•7	2.9	3.4	3.6	.3	•1						12.8	9.1
NNW	.4	1.1	2.7	2.7	•1	. 2						7.2	10.0
VARBL		-									1	†	
CALM	><					><		$\supset \subset$	><			2.3	
	8.7	17.7	38.2	28.9	3.7	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) previous editions of this form are obsolete

CATA PROPESSING DIVISION ETAC/USAF ATP MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26172	Fint	SMITH	NWT DIT	T APT			57-	66						ĘΡ
STATION			STATIO	N NAME						YEARS				MONTH
						ALL WE	ATHER						1500	-1700
		•				c	LASS				_		HOU	RS (L.S.T.)
		•				con	DITION							
	SPEED		1				1			1				MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	SPEED
	<u> </u>	ļ	ļ											
	N	1.1	1.9	4,1	2.0						1		9,1	8.1
	NNE	. 8	0	1,2	1.2			 			L		3,8	8.0
	NE	, 9	94	. 6	.6	ļ							2.4	6.5
	ENE	. 3	, 9	, 8							<u> </u>		2.0	5.7
	E	. 9	. 8	,6	• 1								2,3	5.1
	ESE	,6	1.0	1.3	. 3						li		3.2	7.1
	SE	. 9	1.3	4,0	2.3	. 2							8.3	9.1
	SSE		,6	3,3	4.8	. 4							9,4	11.1
	\$. 3	4	2.7	1.9								5,8	10.4
	ssw		.2	1.3	. 7	.1		<u> </u>					2,3	9.9
	sw	.7	1.0	1.3	1.2	.2							4.4	8.8
	wsw	. 4	• B	1,2	. 4								2,9	7,2
	w	1.3	2.2	2.1	. 6	.1	• 1						6.7	7.2
	WNW	. 4	1.2	3,2	2.9	.9							6.7	10.2
	NW_	, 8	1.7	6.0	5.8	. 8	• 1			<u> </u>			15.1	10.3
	NNW	. 8	1.7	4.2	2.7	.1	• 1						9.6	9.1
	VARBL		1	1										

TOTAL NUMBER OF OBSERVATIONS

100.0

8.7

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

10.0 16.7 38.0 27.7

MATA PROCESSING DIVISION ETACYUSAF AIF MEATGER SERVICEMMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102	F T	5:11To	BLT DO	T APT			57-	66					s (FP
STATION			STATIO	N KAME						YEARS				MONTH
						ALL WE	ATHER						1800	-2000
		_				•	LASS	****					HOUR	IS (L.S.T.)
		_				CON	MOITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.9	2.6	2.0	1.3						 		7.R	6.3
	NNE	1.2	1.2	1.3	.2								4.0	5.9
	NE	2.1	1.7	. 3	• 1								4.2	4.2
	ENE	. 7	. 6	.1	1						1		1.6	4.4
	E	1.2	1,2	.6									3.5	4.5
	ESE	1.4	2.8	1,6	• 1	1	T						5.0	5.4
	SE	1.0	3.7	5.6	1.3					1			12.1	7.2
	SSE	.3	1.1	5.7	2.1	.2							9.4	9.1
	S	. 8	1.3	3.3	.6	1							6.0	7.7
	ssw	. 2	.7	. 4	• 1					1			1.3	6.2
	sw	. 9	, 9	.6	• 1								2.4	5.0
	wsw	. 7	1.0	.7	.6			-					5.9	5.8
	w	.7	1.0	1.0	. 3								3.0	5.3
	WNW	.7	1.2	1.4	1.0	.4	•1						4.9	8.9
	NW	1.4	3.2	5.1	2.3	.4							12.5	5.4
	NNW	. 4	2.7	3.9	1.9	.2							9.6	7.9
	VARBL													
	CALM						> <	><	> <	$\overline{}$		> <	9.2	

TOTAL NUMBER OF OBSERVATIONS

900

100.0

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

16.7 27.0 33.6 12.1 1.3

CATA PROGESSING DIVISION ETACYUSAF AIR WEATHER SERVICE/MAC

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	Fint	SMITH	NEW T U()	TAPT			57-	6 6		YEARS				FP
2.2		-				ALL WE	ATHER						2100	=2300
		-				cor	DITION							
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	; %	MEAN WIND SPEED
	N	1.1	1.0	2.1	. 4			 	 		 		4.7	6.9
	NNE		1.1	1.0				1					2.9	5.3
	NE	1.1	1.8	. 4							11		3.3	4.6
	ENE	.7	1.2	.7									2.6	5.0
	E	1.0	1.6	. 1				1					2.7	3.8
	ESE	1.1	3.2	1.0	.2								5,6	5.4
	SE	1.6	4.0	6.8	.9								13.2	7.1
	SSE	1.1	2,3	8.1	1.7	• 1			Ĺ				13.3	8.1
	5	1.6	1.4	3,7	.7					1			7.C	7.2
	ssw	, 3	1.3	, 7									2,3	5,8
	sw	, 7	,6	1.1	.1				ļ				2.4	5,8
	wsw	. 1	. 9	. 8	• 1								1.9	6.4
	w	1.4	1.1	.7	• 1								3,3	4.8
	WNW	, it	1.1	1,2	. 9	.2							4,2	8.1
	NW	• 9	2.7	6.2	2.0	.6			<u> </u>				12.3	8.4
	NNW	1.8	3.2	3.0	1.1]]	1]]			9.1	6.B

TOTAL NUMBER OF CASERVATIONS 900

100.0

DATA PROCESSING DIVISION ETAC/USAF AIR REATREM SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ON	PURT	2MILH	NET DO	T APT			<u> </u>	00	 -	/EARS				C T
		-				ALL WE	ATHER						0000	-0200
		-				cor	DITION							
ſ	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	1.5	2.6	2.3	. 8								7.1	6.5
L	NNE	, 4	.3	1.1	. 3								2,6	7.0
L	NE	1.0	. 8	, 4									2,2	4.3
	ENE	د.	, 3	. 4									1.3	4 . B
L	E	. 5	.9	. 8	• 1								2,3	5.7
L	ESE	5	1.1	1.8	.4	.1							4.0	7.3
L	SE	1.5	3,5	5,4	1.9	• 1							12.5	7,5
	SSE	2.2	3,3	7,7	3.9	• 1							17.2	8.2
	<u> </u>	1.8	2.3	1.9	1.2								7,2	5.7
L	SSW	• 4	. 5	,4	.2								2.0	5,7
L	SW	.5	1.3	1,2	.2								3,2	0.1
L	wsw	1.0	1.1	2,7	.2								4,9	6.7
L-	w	1.4	1,4	2,3	.4	• 1			<u> </u>				5,6	6,8
H	WNW	. 3	1.2	2,9	2.4	.5	• 1				1		7.4	10.1
H	NW	1.7	1.7	2.8	1.6				<u> </u>		 		7,8	7,5
H	NNW	• •	1.5	2,3	• 2						i		4.4	7.0
r	CALM				\sim			>		$\supset \subset$			8.3	
ſ		16,7	23.8	36.3	13.9	1.0	•1						100.0	6,7

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $\frac{10RM}{JUL}\frac{64}{64}$ 0.8.5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROCESSING DIVISION ETACTUSAF AIR "EAT ER SERVICETMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIFT SMITH NWT DOT APT	57=66	i.CT
STATION	STATION NAME	YEARS	HOMPH
		ALL_WEATHER	0300-0500
		CLASS	HOURS (L.S.T.)

	16.7	25.9	30.8	14.3	1.2	.4	. 1					100.0	6.0
CALM	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	10.6	
VARBL		<u> </u>	<u> </u>		Ļ								
NNW	6.6	1.9	1.9	.5								5.2	6.
NW	1.4	1.7	2,3	1.5	. 1	• 2						7.5	8.
WNW	9.2	. 5	2.8	1.4	. 3	• 1						5,4	10.
_w	. 6	1.4	1.4	1.1	.1	• 1	.1					4.8	8.
wsw	1.0	2.0	1.8	. 3								5,2	6.
sw	. 4	2.8	. 8	•2								4.2	5.
ssw	1.4	. 6	. 5	•1								2.7	4.
S	1.5	1.3	2.9	1.3	. 2							7.5	7.
SSE	1.6	4.8	7.0	3.5	.3							17.3	円。
SE	1.1	3.1	4.6	1.9								10.8	7.
ESE	.0	. 9	1.6	.9								4.0	7.
E	1.4	1.4	. 9	•1								3.8	4.
ENE	• 9	.4	. 2									1.5	3.
NE	1.3	.6	.1									2,0	3.
NNE	1.1	.4	. 5	. 6								2.7	7.
N	1.1	1.8	1.4	•4	-1							4.5	6.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAI WINI SPEEI

TOTAL NUMBER OF OBSERVATIONS 930

DATA PRUCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION	FORT	5/11TH	NWT UD				57-	66						C T
STATION			STATIO	N NAME		ALL WE	ATHEK			YEARS	<u> </u>		0600	= 0800 s (L.S.T.)
						coı	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N		1.3	1,6	, 3								3,9	6.6

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.6	, 3								3.9	6.6
NNE	. 3	5	1.1	.2	. 1	.1						2.4	8,5
NE	1.7	. 6	. 3						l			2.8	3,7
ENE	1.0	.6	. 8									2.4	5,4
E	1.5	1.7	, 9									4.1	4 . B
ESE	,4	. 8	1.5	.6								3.3	7,8
SE	1.7	3.8	6.0	2.0					,			13,5	7.4
SSE	1.0	4.3	6.7	4.4								16,3	8,3
S	2.2	3.1	2.2	1.3								8.7	6.4
SSW	, 9	.3	.9	•1								2,7	5,7
sw	1.9	1.5	.6									4.1	4.4
wsw	.6	2.3	1.6	.2						_		4.9	6.2
w	1.4	1.3	1.8	1.2	.5							6,2	8,4
WNW	, 5	.6	2.6	1.9								5.7	9,3
NW	. 4	1.8	1.9	1.2	• 1							5.9	7,8
NNW	.6	1.0	2.6	1.2	.1							5.5	Я,3
VARBL								Γ					
CALM			\searrow				\geq	\geq	\geq			8.3	
	17.3	25,7	33.0	14.7	, 9	•1						100.0	6,6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM | 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MATA PROCESSING MIVISION ETAC/USAF AIR FEATTER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NET OUT APT	57-6 6		UCT
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0900-1100
		CLASS		HOURS (L.S.T.)
		CONDITION		

	15.5	22.4	32.0	20.3	1.9	.9			_			100.0	7.4
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\geq	7.0	
VARBL		<u></u>					L						
NNW	. 6	. 5	1.7	1.4	.1							4.5	8
NW	9	1.5	2.2	1.3	, 5	, 3	L					6.7	7.2
WNW	. 4	1.1	3.1	3.9	, 3	. 4						9.2	10.9
w	1.5	1.3	2.3	1.2	. 2							6,5	7.9
wsw	. 9	.0	1.2	.4								3,1	6.4
sw	1.4	2.6	.6	.4	.1							5.2	5.
ssw	, 3	.4	.9			• 1						1.7	6.
S	2.0	2.3	4,9	1.9	.2							11.4	7.
SSE	2.3	2.9	5.9	4.6	.1							15.8	8.
SE	1.1	2.8	2.6	2.6								9.0	7.6
ESE	.0	1.5	1.6	.5								4.3	7.0
E	1.3	1.2	2.0	.3								4.8	6.
ENE	.0	1.2	0.6				i					2,0	4.4
NE	. 5	.6	,3									1.5	4.8
NNE		1.0	. 5	.3	. 3			1				2.2	9.0
N	.9	.9	1.9	1.4								5.1	7.8
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROCESSING DIVISION FTAC/USAF AIR MEATMER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	F1376 T	2willu	NWI DO	IT API			57-	00						CT
STATION			STATIO	ON HAME						YEARS				MONTH
						ALL WE	ATHER							-1400
						•	LASS						HOU	RS (L S.T.)
						coi	DITION							
														
	SPEED		T										Ţ	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
		 	 		ļ					 				.!
	N	.9	1.7	1,4	1.5			<u> </u>			ļ		5,5	7,8
	NNE	• 8	. 8	1.0	1.0	.1	<u> </u>				<u> </u>		3,5	8,5
	NE	, 9	, 8	34									2,0	4.4
	ENE	ļ.,	.5	.3	 _								. 9	5.8
	E	1.7	1.5	1.2	•1								4.5	5,3
	ESE	9.5	1.0	1.6	. 9								3.8	8.0
	SE	, 9	, 9	4,7	2.0	L					Ĺ		8,5	8,8
	SSE	1.1	1,9	5,9	4.7	.6							14,3	9,6
	<u> </u>	.9	1.7	4.8	3.1						, "		10,5	8,8
	ssw	. 4	. 8	. 9	_ •1	.1							2.3	7.1
	5W	. 9	2.2	1.3	.3								4.6	6.1
	wsw	. 1	1.1	. 3	. 4						T		1.9	7.1
	w	1.0	1.6	2,9	2.2	, 3							8.0	8.8
	WNW	.6	1.6	4.2	4.0	1.4	.2						12.0	10.9
	NW	. 4	1.3	3,7	2.5	. 8							8.6	10.2
	NNW	. 2	.4	1.4	1.8	.2	• 1				1		4.2	10.6
	VARBL		I										1 -	1
	CALM		$\uparrow > <$									$\overline{}$	4.8	
			¥						\leftarrow	$\leftarrow \rightarrow$		$\leftarrow \rightarrow$	┪—ऱ—	
	i	11.0	19.7	36.0	24.6	3.5	. 3	1		l	i l		100-0	8.4

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/MAC

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FINAT	SHITH	NWT DO				37-	66		YEARS				CT_
STATION			STATIO	- HANE		ALL WE			,	TEARS			1500	=1700
							LASS						NOUR	RS (L.S.T.)
						cor	IDITION							
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	i1 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
	DIR.	- 9	1.3	1.8	1.7	 	-		-				5.7	SPEED 8 1
	NNE	. 8	1.2	1,1	.6								2.7	7.6
	NE NE	1.0	.9	.3	• 0	-		-		 	1		2.2	4.3
	ENE	13	• 6	.4					-		 	_	1.8	5.4
	E	2.0	1.6	• • • •	.2	 				 			4.4	4.8
	ESE	- 4	1.2	2.4	.5		 		 				4.5	7.8
	SE	1.1	1.8	4.4	1.5						 		8.8	7.8
	SSE	.6	1.8	7.2	4.8	.2	 		 				14.7	9.7
	<u>s</u>	1.5	1.0	4.7	1.6	 - **-	 		 -	 			9.5	7.7
	ssw	- 4	- 5	2.0	• 2	· · · · · · · · · · · · · · · · · · ·			 				3.2	7.2
	sw	.5	1.2	1.0	- 1	 	 						2.8	5.8
	wsw	.2	.3	.9	• 3	 	 	 -	 				1.7	7.8
	w	- 5	1.6	3.1	2.3	1	.2	-	 		-		8.2	9.3
	WNW	.6	- 9	3.9	4.5	.6	•1	.1	1		 		10.8	10.9
	NW	1.4	1.9	4.0	1.5	1.0							10.1	3,9

TOTAL NUMBER OF OBSERVATIONS 930

100.0

7.9

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREMIOUS EDITIONS OF THIS FORM ARE OBSOLETE

18.7 39.6 21.3

2

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SEPVICE/MAC

26102 FERT SMITH NWT DET APT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL WE	ATHER							=2000
	-				cor	NDITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEI
N	1.5	1.6	1.5	.6				-				5.3	6.
NNE	1.1	.4	1.0	.4						† — —		2.9	5.
NE	1.6	. 8	.6	1					-		_	3.0	4.
ENE	.5	8.	.3	•1								1.7	3
E	1.4	1.3	1.2	.3						†		4.2	5.
ESE	. 3	1.4	2.5	.6								4,8	7
SE	1.5	2.0	5,3	1.2								10.0	7
SSE	. 4	2.4	9.4	4.3	.2				ļ —			16.7	9
S	1.1	2.3	3.5	1.0	.1		·					8.0	7
SSW	. 4	.5	1.2	.2								2,4	7
sw	1.1	.9	.4	• 1								2.5	5
wsw	. 4	,6	1.5	. 2								2,8	6
w	1.7	2.3	1,5	1.0	, 3							6.A	6
WNW	. 5	, 9	2.5	3.0	.6							7,5	10
NW	1.6	2.6	3.3	2.0	• 1	.2						9,9	8
NNW	_ , H	2,2	1.3	1.5	I							5,7	7,
VARRE									T			 	1

TOTAL NUMBER OF OBSERVATIONS

7.2

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

UATA PROCESSING DIVISION ETACZUSAF AIR WEATHER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NUT DOT APT	5 7= 66	CCT
STATION	BHAN NOITATS	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	1,9	.6	•1							6.1	6.9
NNE	.5	. 4	.2	. 3	• 1							1,6	7.1
NE	1.8	, 9	, 5	• 1								3.3	4,5
ENE	.3	.2	.4	.1								1.1	6.7
E	1.2	1.1	1.0	. 2								3.4	5,5
ESE	.4	1,7	1.9	.6								4.7	7,2
SE	1.0	3,1	4.7	1.3								10.1	7.5
SSE	. 9	3.4	8.9	3.7	.2							17.1	8.7
S	2.7	3.1	3.1	.6	.1							9.7	6.1
SSW	.5	, 3	, 9									1.7	5.8
sw	1.0	1.2	1.2	. 5								4.5	5.9
wsw	.6	1.2	1.7	• 1	1							3.7	6.5
w	.6	1.5	. 9	.9	.2							4.1	7.3
WNW	.4	1.5	3.2	2.4	. 2	• 1						7.8	9,4
NW	.5	2.3	3.1	2.0	. 1							8.1	8.4
NNW	. 8	3.1	1.9	1.1	.1							7.C	7.1
VARBL			1									1	
CALM				><	><	><	><	><	> <	> <	><	5.9	
	15.0	26.6	35.7	14.7	1.2	•1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR *EATHER SERVICE/MAC

SURFACE WINDS

100.0

6.3

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102	FUNT	SHITH	NET UD	TAPT			57-	66						<u> </u>
STATION			STATIO	NAME.					•	YEARS				BONTH
		-				ALL WE								-0200
						c	LASS						HOUR	\$ (L.S.T.)
		-				COM	DITION				·			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.3	2,1	1.3	• 3	 			 				5.1	5,8
	NNE	.6	.3	•1		 				 	Γ.		1.0	3.9
	NE	1.1	 	. 4	ļ	.1							1.7	5.3
	ENE	.7	. 8	.4	•1	1							2.0	5.9
	E	3.1	1.9	1.0	.3		+				 	·	6.3	4.7
	ESE	. 5	1,4	1.6	•1						1		4.1	6,2
	SE	2.0	3,9	3.4	2.9	.2		ļ — — —					12.4	7,5
	SSE	, 5	2.0	6.1	2.3	• 1							11.3	8.4
	S	2.0	2,6	1.6	.4								6.6	5.5
	ssw	. 8	.3	, 4								-	1.6	4.6
	sw	2.3	1.8	.7]					4.8	4.2
	wsw	. 6	1.3	. 8	. 2								2.9	6.1
	w_	, 9	1.7	2.7	1.4		L						6.7	7.6
	WNW	. 6	2,1	4.0	2.0	. 1							9,0	8.5
	NW	, 4	2,4	4.7	1.9	. 3	• 1						10.3	8.5
	NNW	. 6	1.3	2.0	. 8								4.7	7.5
	VARBL					L								
	CALM									><			9.6	

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

19.1 26.0 31.4 12.9

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC/USAF AIR MEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FUKT	SMITH I	NAT DE	T APT			37-	6		FEARS				O V
	_				ALL WE	ATHER		 -				0300	-0!
	-				сон	IDITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V
N	1.1	. 9	8.	.9								3,7	
NNE	- 9	.2										1.1	
NE	1.9	.7	,6							i		3.1	
ENE	1.1	.6	. 8	.1								2.6	Π
E	2.0	1.1	.9	. 3								4.3	
ESE	. 9	1.4	1.7	• 2								4.2	
SE	2.3	4.3	4,7	1.9	. 1							13,3	
SSE	. 8	2.8	5.6	1.9								11.0	T
S	1.7	2,9	1,9	. 4								6.9	
ssw_	1.0	. 3	. 3									1,7	
sw	1.7	.7	,3									2.8	_
wsw	1.3	2.4	1,6									5,3	
		1.3	2.1	1.3	L							5.2	
WNW	94	, 9	3,3	2.2	.2							7,1	L
NW	1.1	2.8	4,0	2.4	.1							10,4	
VARSL	. 8	1.2	2.3	1.4	ļ							5.8	-
CALM							$\overline{}$					11.4	
	19.4	24.6	30.8	13.3	.4							100.0	-

CATA PRUCESSING DIVISION ETAC/USAF AIR NEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FUFT	SMITH					57-	66					Nf	υV
STATION			STATIO	HANE			_			YEARS				IONTH
		_				ALL WE	ATHER						0600-	-0800
		_				c	LASS				_ 		HOURS	\$ (L.S.T.)
		_				CON	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	2.1	1,6	1.3	, 9	.1							6.0	6,1
	NNE	, 3	.4	. 2	.2								1.2	6.2
	NE	1.9	. 7	, 2	• 1								2.9	3.8
	ENE	1.0	.4	, 3									1.8	4.1
	E	2.4	1.3	1.2	.1								5.1	4,8
	ESE	• 2	. 7	2.0	. 2								3.1	7.5
	SE	1.7	3,4	4.9	1.2	.1						-	11.3	7.0
	SSE	1.7	3,6	6.1	3.4								15.0	7.9

N	2.1	1.6	1.3	, 9	. 1							6.0	6,1
NNE	, 3	, 4	.2	.2								1.2	6.2
NE	1.9	.7	.2	• 1								2.9	3.8
ENE	1.0	.4	, 3									1.8	4.1
E	2.4	1.3	1.2	.1								5.1	4,8
ESE	. 2	.7	2,0	. 2)			1		1		3.1	7.5
SE	1.7	3.4	4.9	1.2	• 1							11.3	7.0
SSE	1.9	3,6	6.1	3.4								15.0	7.9
S	2.2	2.1	1.9	• 2							T	6.4	5,4
ssw	9 8	. 3	,1									1,2	3.8
sw	1.9	. 8	. 2	•1								3.0	3.9
wsw	1.0	1.2	1,7					T				3.9	5.0
w	1.9	1.7	. 8	1.4	.3			T	T			6,1	7.3
WNW	. 4	1.9	3.6	2.0	. 1							8,0	8.7
NW	1,6	1.8	3.8	2.0	. 2			Γ				9,3	8.3
NNW	. 9	1.1	2.2	. 8					I			5.0	7.4
VARBL													
CALM					$\geq <$	\geq	$\supset <$	$\supset <$				10.6	
	22.2	23.0	30.6	12.8	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRHICESSING MIVISION ETACYUSAF AIR MEATHER DERVICEMHAC

WNW

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Fign	T 5:41T	m www D!	IT APT			57-	66					ا ير•	3 V
		STAT	ION NAME						YEARS				BONTH
					ALL WE	ATHER						7900	-1100
						LASS						HOUR	S (L.S.T.)
					co	NOITION				_			
				 -						_			
SPEED (KNTS DIR.) 1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	7 1.0	1.4	.3			1					4,?	6.3
NNE			.9	. 2								2.4	6.5
NE	•	8 .4							i .			1.2	2.9
ENE	1.	3 .6	. 3						1			2.2	3.8
E	2.	2 1.7	.7					i	1			4.6	4.3
ESE	1.	3 1.6	1.7	• 1								4.7	3,7
SE	1.	7 2.7	4.2	1.3	• 1				1			10.0	7,5
SSE	1.	2 3,6	6.2	2.7	• 1			1	1			13.9	8.1
S	1.	3,2	2,3	.6								5.0	0.0
SSW			.2						!			2.1	4.4
sw	1.		.7									2.7	4.6
WSW		¥ 1.3	1.3	2.0								4,1	6.6
	1 1		1.0	2 0	- 2	1	<u> </u>	T	 			6.4	8.7

TOTAL NUMBER OF OBSERVATIONS 900

9.0

100.0

6.5

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROTESSING DIVISION ETACZUSAR AIR REAT ER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

E CI T c			144 4 1412				.,	•·						
STATION			STATIO	N NAME						YEAR?				MONTH
						ALL WE	ATHER							-1400
		_					LASS						HOUR	S (L.S.T.)
						Can	DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.4	1.3	. 8	. 9						<u> </u>		4.9	6.0
	NNE	. 4	.7	.4					1				2.0	4.9
	NE	1.0	.7	. 2		I							1.9	3.8
	ENE	1.0	. 4	. 2	• 1		I	!					1.8	4.4
	E	2.7	1.3	. 3									4.3	3,5
	ESE	. 4	1.1	1.3		Ĺ							3,0	6.3
	SE	. 9	2,4	3,7	2.4								9.4	A . I
	SSE	1.7	2.6	5.8	3.9	. 3	5.			!	1	i	14.4	8.9
	5	2.2	1.9	2.9	• 6					<u> </u>	<u>i</u>		7.6	5.2
	ssw	, ti	.1	.7	<u> </u>			<u> </u>			li		1.3	5.6
	sw	. 4	. 8	,7							<u> </u>		1.9	5.5
	wsw	1.4	1.0	1.1	• 3					L			3.9	5,6
	w_	1.0	1.9	2.2	2.4					ļ	ļ		7.6	8,4
	WNW	0.3	1.1	2.8	3.7	.1	. 6	.1					8.7	11.4
	NW	1.9	2.8	3,8	3.0	. 4					l		11.9	8.1
	NNW	.6	1.3	3.1	1.3								6.3	9.2
	VARBL	<u> </u>		L		Ļ	Ĺ		L					
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.2	
	I	18.8	21.4	30.0	18.8	. 9	. 8	. 1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PRINCESSING DIVISION FRACTURAL SERVICESPACE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	PORT SMITH NET DOT APT	57=66	₽UV
STATION	STATION HAME	YEARS	MONTH
	AL	L WEATHER	1500-1700
		CLAS\$	HOURS (L.S.T.)
		CONDITION	

-	18.8	24.1	33.7	12.4	1.2	.4	.1					100.0	6,
CALM			$\geq \leq$			$\geq <$		$\geq \leq$	$\geq \leq$	><	$\geq \leq$	9.7	
VARBL													
NNW	. 4	1.9	2.8	1.2	.2							7.0	7,
NW	, 9	3.1	5,3	2.2	3	• 2	I					12.1	8.
WNW		1.2	2.8	1.4	. 1	• 2						6.6	8,
w	1.4	1.8	3,3	2.3								8,9	7.
wsw	1.3	, 8	.7	.4								2.9	Ó.
sw	1.2	1.3	.6									3,1	4,
ssw	, Н	. 3	. 4									1.6	5.
S	1.7	1.7	2,7	. 3								6.3	6.
SSE	.0	2.9	5.4	2.8	.6		.1					12.3	8,
SE	2.0	2.7	5.2	1.1			!		i			11.6	6.
ESE	. 0	1.4	1.2	.2								3.4	6,
E	2.1	1.4	.7	•1			i					4.3	4.
ENE	1.1	.7	.1									1.7	3,
NE	9	.4	. 3						-			1.7	4,
NNE	.7	.6	. 8	•1								2.1	5
N	1.7	1.9	1.3	• 1						ļ		5.0	5.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI

TOTAL NUMBER OF OBSERVATIONS 900

CATA PROCESSING DIVISION ETACHUSAN AIP EATGER SEGVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FIRT SMITH NWT DUT APT	5 7= 66	₩nv
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1800-2000
		CLASS	MOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.0	1.0	• 3								5.1	5.5
NNE	1.0	.7	.4	. 2								2.3	5.2
NE	1.9	, 6										2.4	2.8
ENE	1.0	• .3	.2									1.5	4.1
E	1.3	1.3	. 8	• 2								3.7	5 · I
ESE	1.6	2.0	1.0	• 1								4.7	5.0
SE	3.3	2.8	4.0	2.0								12.1	5,8
SSE	.0	1.8	5.6	2.7	. 2	. 3						11.1	9,5
S	1.0	1.8	4.1	.6								5.2	6.6
ssw	•2	, 9	.2									1.3	5.0
sw	1.6	1.3	. 4									3.3	4.3
wsw	1.1	• 6	1.6	. 3								3.6	6,6
w	.6	2.2	2.9	1.6	. 4							7,7	8.4
WNW	, 4	1.0	4.0	2.2	.1							7.8	9,1
NW	2.3	3.3	5.4	1.7	. 2							13,0	7.4
NNW	• 2	. 8	2.2	.6	.2							4.0	8.7
VARBL													
CALM		><		\geq	><	> <	><	> <		\searrow	>	8.1	
	20.1	23.9	33.9	12.4	1.2	. 3						100.0	6,5

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SENTICE/MAC

26102 FULL SHITH NET DUT APT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

57=66

	_				ALL WE	ATHER							+2300
	-				СОР	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.0	1.7	.3								4.8	5,8
NNE	. 4	, 9	.2									2.0	4.4
NE	1.0	• 1					Ī					1.1	2.9
ENE	. 0	.6										1.1	3.8
E	2.7	2.0	1.2									5.9	4.6
ESE	1.9	1.1	1,8									4.9	3,3
SE	1.3	3,6	3.0	2.2	. 1							10.2	7.7
SSE	1.1	3,6	5.8	3.6	• 1	• 1						14.2	8,5
5	1.3	2.3	1,9	. 4								6.0	6,0
SSW	. 4	. 4	. 2									1.1	4.5
sw	2.1	1.1	.6									3,8	4.1
wsw	. 8	. 8	2.2									3.8	6.7
w	1.2	1.8	2.8	1.4								7,2	7,6
WNW	9	1.7	5,0	2.1								9,7	8.4
NW	1.2	3.1	4.1	2.0								10.4	7.7
NNW	.6	1.3	1.9	1.6								5.3	8.0

TOTAL NUMBER OF OBSERVATIONS 900

100.0

6.4

USAFETAC $_{30L\ 64}^{\text{FORM}}$ 0-8-5 (OL-1) previous editions of this form are obsolete

GATA PROCESSING DIVISION ETAC/USAF AIR GEATRER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FLAT	SMITH	NET OI)	TAPT			37-	5 6		YEARS				E C
				-		ALL WE	ATHER							-0200 s (C.S.T.)
						cor	IDITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	1.7	1.6	.6						_	 		4.0	4.4
	NNE	. 3	. 8										1.1	3,9
	NE	2.2	.2										2.4	2.7
	ENE	1.3	, 3	. 2									1.8	3.3
	E	3.4	, 9	, 9									5.2	4.0
	ESE	1.3	1.6	. 8									3,7	4.9
	SE	3.8	5.3	5.1	1.8								15.9	6,5
	SSE	1.8	3,3	5.7	3.2	• 1	.1						14.3	8,3
	S	1.4	1.3	9	.1					Ĺ			3,7	5.0
	ssw	, 0	- 1	.1									. 9	3,6
	sw	1.1	,9					L			1		2.0	3.8
	wsw	94	1,4	. 8									2.6	5,8
	w	1,4	1.0	1.5	•1								4.0	5,6
	WNW	.6	2.6	3.2	1.3								7,7	7.5
	NW	2.4	5,2	5,3	1,8	.4							15.1	7.0
	NNW	1.0	1,3	2.4	8								5.4	7.2
	VARBL	L	<u> </u>				<u> </u>				L			
	CALM					$\geq <$	$\geq \leq$	><		><		><	10.4	
		1												

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{form}}{\text{jut.} 64}$ 0.8.5 (OL·1) previous editions of this form are obsolete

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DATA PROCESSING DIVISION ETAC/USAF AIR LEATHER SERVICE/MAC

> NW NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6102	FURT	SHITH	NWT DE				57-	66						E C
STATION			STATIO	N NAME		ALL WE	ATHER		,	YEARS				=0500
			-				LASS							IS (L.S.T.)
						cor	NOITION							
	SPEED	Ţ		<u> </u>		<u> </u>	<u> </u>							MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	WIND SPEED
	N	1.5	1,0	. 9									3.3	4.8
	NNE	.9	.6	.1									1.6	4.0
	NE	1,6	.5						_				2.2	3.0
	ENE	. 4	. 2	. 1									1.2	3,5
	E	3.4	1.2	. 4							1 1		5,1	3.7
	ESE	1.7	1.7	1.4	1.	1			-				4.9	5,3
	SE	2.9	4.9	5.5	1.6	. 2							15.2	5.8
	SSE	1.5	3.0	6.0	3.5								14.1	8.3
	S	1.8	1.4	1.2	.3								4.7	5.5
	ssw	.5	-					-					. 5	3.0
	sw	1.1	.6	.5									2,3	4,4
	wsw	. 5	1.6	, 5		<u> </u>							2,5	3.1
	w	1.6	2.2	.9	• 2								4,8	4.8
	WNW	1.1	1.7	3.4	. 8					1	1		7.0	7.2
	NW	2.6	3.9	5.6	2.9	.1							13.1	7.4

TOTAL NUMBER OF OBSERVATIONS

10.3

100.0

5.7

930

USAFETAC $\frac{\text{form}}{\text{Jul.} 64}$ 0-8-5 (OL-1) previous editions of this form are obsolete

24.4 25.6 28.7 10.1

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NET DOT APT	57+66		DEC
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		0600-0800
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	. 5	• 2								2.5	5.5
NNE	و و	.3	. 2	• 1								1.2	5.3
NE	1,5	, 5								ļ ———		2.0	3.0
ENE	.6	.4										1.1	3,6
E	2.9	1.2	1.0	.1								4.9	4.3
ESE	1.4	2.0	1.3	.1	• 1			1				4.9	5.7
SE	2.7	5.9	5.5	1.3								15.4	6,5
SSE	1.4	2.6	5.8	3.9	. 2							13.9	8.7
s	. 4	.6	1.3	.4								3.2	6.5
SSW		•1										.1	4.0
5W	1.0	.6	.6									2.9	4.6
wsw	. 8	.6	.1									1.5	4,1
w	1.6	1.9	1.2									4,7	5.0
WNW	. 4	1.8	4.1	1.1								7.8	7,7
NW	3.7	4.4	4.6	2.0								14.7	6.5
NNW	,6	1.3	2.0	1.3								5.3	7.9
VARBL													
CALM		$\geq \leq$			$\geq <$		><	$\supset <$	$\supset <$	><	> <	13.8	
	21.7	25,4	28.3	10.5	. 3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL-}64}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PRUCESSING DIVISION CTAC/USAF AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NET DOT APT	57 -6 6	, FC
STATION	SHAN HOITATS		YEARS L'HTM
		ALL WEATHER	0900-1190
		CLASS	HOURS (L.S.T.)
	-	CONDITION	
			

	23.4	26.5	28.1	10.0	.6	• 2						100.0	5.
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.2	
VARBL		L											
NNW	1.7	1.6	1.3	.4								5.1	5.
NW	3.5	4.3	4.7	2.0	. 2	. 2						15.1	7.
WNW	1.0	2.0	4.0	1.4	.2							8.6	7,
w	1.8	1.1	1.7									4.6	5.
wsw	.5	1.0	. 3									1.8	5.
sw	1.5	1.0	.1									2.6	3,
ssw	.1	• 1										. 2	4.
S	1.0	1.3	1.5	.2								4.0	6.
SSE	1.7	3,5	6.6	4.7	•1							16.7	8.
SE	2.5	4.7	4,9	. 8	• 1							13.0	6.
ESE	1.4	1.7	2.2	• 2								3.5	6,
E	3.4	1,4	.5	.2								5.6	4,
ENE	. 3	.4										- व	3.
NE	1.1	,6		T			† 		<u> </u>			1.7	3,
NNE	. 6	. 8				_						1.4	3.
N	1.2	.9	• 2									2.3	4.
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Fijs	KT SMITH	NAT DO	TAPT			57-	66		YEARS			0	E C
	_		· · -		ALL ME	ATHER							=1400
	-					IDITIÓN							
SPEEL (KNTS DIR.	5) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	, 5									3.2	4.9
NNE	. 2	. 3	. 3									.9	5.0
NE	1.3	• 1										1.4	2.7
ENE	, 9	. 5	•1									1.5	3.9
E	2.8	.5	.6	• 1								4.1	3.7
ESE	1.0	1.4	1,2	.2								3,8	5,9
SE	3.0	3,7	4.1	1.1	. 3							12,2	6.6
SSE	2.4	3,5	7.2	3.7	. 3							17.1	8.0
5	1.3	1.3	1,8	. 4					L			4.8	6.7
ssw	. 3	. 1	.2									.6	5.2
sw		. 9	• 1				_					1.4	4.2
WSW	, 9	. 5	, 6									2,0	5.0
w	1.1	1.8	1.6	•1								4,6	5.7
WNW		2,4	4,2	.4	. 3							8,7	7.1
NW		3.5	5.7	2.5	. 5	. 3						15.2	8,2
NNW	, 9	1.7	1.2	. 5			• 1					4.4	7.2
VARB	ı.												
CALA	· ><	\geq	$\geq \leq$	$\geq <$	$\geq \leq$			$\geq \leq$			$\geq \leq$	14.1	
	21.4	23.9	29.6	9.0	1.5	. 3	.,					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETACYUSAF AIR KEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57 -6 6	DEC
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1500-1700
		CLASS	NOURS (L.S.T.)
		CONDITION	
			

	24.3	25.1	27.8	9.4	1.1	.4						100.0	5,
CALM	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	$\geq \leq$	11.9	
VARBL		L	L		L		Ļ,		Ļ				
NNW	1.9	2.3	. 5	.6	.3					L		5,7	6,
NW	2.3	3.2	6.0	2.7	, 3	.2						14.7	8,
WNW	1.0	1.3	2,7	. 5	. 2	.2				L		5,9	8
w	1.1	, 9	1.8	. 3								4,1	6,
WsW	.6	.6	. 4	• 1								1,8	5,
sw	.4	. 9	,4									1.7	4,
ssw	1.0	. 3	.1					1				1.4	3,
s	1.2	1.3	1.6	.3								4.4	6
SSE	1.5	2.8	6.2	3.0	.1							13.7	5,
SE	4.0	4.8	5,1	1.3	.1				1	1		15,3	- 5,
ESE	1.7	1.7	1,5	.3								5.3	5,
E	3.1	1.6	.3	• 1					1		***	5, 7	3,
ENE	1.2	1.2	.1									2.5	4,
NE	1.9	.9										2.8	3,
NNE	.2	.2										, 4	- 3,
N	1.2	1.1	1.0									3.2	3,
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEI

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION ETACOUSAF AIR WEATHER SERVICESMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	5 7=66	DEC
STATION	STATION NAME	YEARS	HONTH
	Δ.	ALL WEATHER	1800-2000
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	.9	• 1								4.R	4.0
NNE	. 6	.4										1.2	3,3
NE	1.7	. 4	.1									2,3	3,3
ENE	1.4	. 4	-							[1.8	2,8
E	2.4	1.3	.5	. 1		}						4.3	4.4
ESE	1.0	2,2	1.1	• 4								5,3	5.6
SE	3.3	4.4	5.9	.9	.2	• 1						14.8	6.6
SSE	1.3	4.6	6.3	3.0		1			Ī			15.3	7.7
S	. 8	2.0	1,0	.2								4.0	9,8
ssw	.3	. 5	. 2	• 1								1.2	5,4
sw	. 6	1.3	.2	•1						Ĺ		2,4	5,0
wsw	. 8	1.0	. 8									2,5	4.9
w	1.1	.9	1.9	• 1								4.0	6.2
WNW	.3	1.4	2.9	1.3	.2	• 2				}		6,3	9.6
NW	1.2	5.1	4.6	2.6	• 1	•2	1	T				13.9	8.1
NNW	1.4	1.4	1.2	.6	•1							4.7	6.6
VARBL													
CALM		> <	> <	> <	$\supset <$		><		$\supset <$	$\supset <$	><	11.3	
	21.2	29.0	27.6	9.6	.6	. 5	•1					100.0	5,9

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION ETACYUSAF AIR MEATGER SESVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2	FIRT	SHITH		TAPT			57-	66						F C
HON			STATIO	N MANE					,	TEARS				
		_				ALL WE	ATHER						5100	-2300
						C:	LASS						HOUR	\$ (L.S.T.)
		-				con	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.1	2.0	.3									3.4	4,3
	NNE	. 9	. 6										1.5	3,9
	NE	1.8	.5										2.4	3.0
	ENE	1.3	.2										1.5	3.0
	E	2.8	1.5	.6	.1					,			5.1	4.3
	ESE	1.1	1.7	1,4									4.2	5,5
	SE	4.9	5.2	4.9	. 8	.4	• 1				,		16.3	6.0
	SSE	1.7	4.1	5.6	3.0								14.4	7,8
	S	. 8	1.5	.6	.3								3.2	5,5
	SSW	. 8	.4										1.2	3,7
	SW	. 8	2	.1									2.0	4.4
	wsw	.2	1.3	.9						•	-		2.4	5,7
	w	.6	1.1	1,2	.1								3.0	6.0
	WNW	. 8	2.2	3.7	1.4	.1	. 2				11		8,3	8,3
	NW	1.5	5.4	3.9	1.7	,4	. 2	ļ —					13.4	7.3
	NNW	1.8	2.3	1.5	. 9	.1							6.6	6.4
	VARBL	1	1	7.5.5				·						
							$\overline{}$	$\overline{}$					1111	

TOTAL NUMBER OF OBSERVATIONS 930

100.0

5,6

USAFETAC $^{
m FORM}_{
m JUL~64}$ 0-8-5 (OL-1) previous editions of this form are obsolete

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH HET DOT APT	57-66	ALL
STATION	STATION NAME	YEARS	MANOR
	INSTRUM		ALL
	cı	ASS	HOURS (L.S.T.)
	CIG 200 TU 1400 FT W/	VSBY 1/2 HI OR MORE,	
	CON	DITION	
	AND/OR VSBV 1/2 TO 2-1/2	MI W/CIC 200 ET HR MORE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.3	1.1	.1							6.6	7.4
NNE	. 8	. 9	1.1	. 5	.0	•0						3.4	7.0
NE	1.3	1.0	. 9	•1	.0						_	3.4	5.2
ENE	6.	.7	.6	• 1								2.2	5,3
E	1.7	1,3	.9	.1					1			4.1	4.9
ESE	.9	1.5	1.7	.3	.0							4.4	6.4
SE	1.7	2.4	3.8	1.2	•0							9.1	7.1
SSE	. 9	1.5	3.1	2.2	.1							7.8	8.6
5	. 9	, 9	1.4	.5	.0							3.7	6.8
SSW	.4	. 2	. 2	• 1						I		.9	5,5
sw	. 5	. 3	.3	• 1	.0							1.3	6.2
wsw	• 3	.3	.6	. 2			· — · ·					1.4	7.0
w	. 0	1.2	1.8	1.0	.1	•0	.0					5.1	8.0
WNW	.5	1,3	4.0	3.8	. 8	. 2						10.5	10.6
NW	1.3	3.2	7.0	6.4	1.7	. 3						20.0	10.2
NNW	. 0	1.7	3.9	3.1	.3	•0	.0				-	9.9	9.4
VARBL										1			
CALM					><	><	><		$\supset <$	$\supset <$	> <	6.3	
	15.1	20.1	33.7	20.8	3.4	.6	•0					100.0	7.6

9.4	9.9				 .0	•0	. 3	3.1	3.9	1.7	. 0
	6.3	<u></u>									>
7,8	100.0				•0	•6	3,4	20.8	33.7	20.1	15.1
9578		ERVATIONS	ABER OF OBS	TOTAL NUA							

USAFETAC $\frac{\text{FORM}}{\text{JUL-64}}$ 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA HACCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nation of this presentation, it is possible to determine the percentage frequency of occurrence for any given insit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1940. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TAIULATION

CEIL!NG				*********			VIS	SIBIL:TY (SI	'ATUTE MI	LES)			······································			
(FEET)	≥ 10	≥ 6	: ≥ s	≥ 4	≥ 3	> 21/2	. ≥ 2	≥ 1 %	e 1%	<u>≥</u> 1	≥ 3/4	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CELING				~												
1										-					<u> </u>	\cong
2 1193 . - ≥ 1793 .						. .										52.6
≥ 1000 ≥ von						ļ 										
≥ 800 -≥ 700						!								<u> </u>		
≥ 400	——					· 		· ·		97.4				<u> </u>		98.1
≥ 400 ≥ 300				· · ·		ļ ———	· 						 			-
≥ 200 ≥ 100					<u></u>	!					 			ļ		
≥ 0			i		95.4	i	96.9			02.3	İ		! 			100.C

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \geq 0. From the table:

 Visibility \geq 3 miles = 95.4%.

 Visibility \geq 2 miles = 96.9%.

 Visibility \geq 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%.

ADDITIONAL EXAMPLES

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EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0,

from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

To find the percentage of observations falling within the two categories given in example EXAMPLE # 5 above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

> The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.46. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile. The state of the state of

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as protabilities of various ceiling-visibility combinations.

DATA PROBLESSING DIVISION USER ETAG.
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

37m66

VISIBILITY STATUTE MILES: ≥ 1% $\geq 12_2$ NO CEILING 50.3 50.3 50.3 50.4 50.4 50.4 50.4 50.5 50.5 -9.1 20.0 50.1 50.2 50.4 ≥ 20000 23.4 53.4 52.5 53.5 53.5 53.6 51.7 23.2 52.4 53.6 53.4 53.5 53.6 53.6 53.6 53.7 53.7 53.7 53.7 53.7 53.8 53.8 53.0 53.9 ≥ 18000 ≥ 16000 23.0 23.3 53.7 53.8 53.8 53.8 53.9 53.9 54.9 54.0 54.0 54.0 54-1 54-1 54-1 54.2 امدد ات 74.2 34.5 54.7 34.7 34.8 54.8 54.9 54.9 54.9 54.9 55.0 55.0 ≥ 14000 ≥ 12000 55.0 55.0 55.1 56.6 56.6 56.6 56.7 56.7 50.7 56.7 65.2 65.8 65.9 66.1 66.2 66.3 66.4 66.4 66.4 66.4 60.5 66.5 66.5 66.5 66.6 66.6 66.6 68.4 69.6 69.3 69.4 69.6 69.7 69.8 69.8 69.8 69.9 69.9 69.9 70.0 70.0 70.0 70.0 70.1 ≥ 4500 ≥ 4000 3500 3000 7.1 04.6 85.3 85.7 86.2 56.3 80.0 86.7 80.7 86.9 87.0 87.0 87.1 87.1 87.1 87.2 4.9 90.6 87.4 47.0 88.5 88.5 88.9 89.0 89.0 89.3 89.5 89.5 89.5 89.6 89.7 89.7 89.7 0.8 88.9 89.5 90.0 90.7 90.8 91.2 91.4 91.4 91.7 91.9 91.9 92.1 92.1 92.1 92.1 92.2 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000

TOTAL NUMBER OF OBSERVATIONS 67643

CATA PROCESSIN DIVISION SAF ETAC AIH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE, NG							·	ISIBILITY IST	ATUTE MILE			-	-			
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1';	≥ 114	≥:	≥ ¾	≥ 5.8	≥ %	≥ 5 16	≥ .	≥ 0
NO CE.LING ≥ 20000	54.8	35.3 37.1	55.7 57.4	56.0 57.8	56.3	56.4	56 • 7 58 • 4	56.6 58.6	56.8	56,9	56.9 58.4	57.0 58.8	57.0 58.9	57.0		57.1
≥ 18000 ≥ 16000	56.1 56.2	57.3 57.3	57.6 57.7	\$8.0 58.0	58.3 58.4	58.3 58.4	56.6	58.8 58.8	58.8	58.9	59.0	59.0		59.1	59.1	
≥ 14000 ≥ 12000	50.6	37.7 59.0	58.1 59.4	58.5	58.7	58.8	59.1	59.2	59.2	59.4	59.4	59.5	59.5	59.5	59.6	
≥ 10000 ≥ 9000	60.6	01.8	62.2	62.6	63.0	63.0	63.4	63.5	63.5	63.7	63.7	63.A	63.8	63.4	63.8	
≥ 8000 ≥ 7000	64.6	66.0	66.5	66.9 70.7	67.4	67.5	68.0	68.2	68.2	68.4 72.3	68.4	68.5	68.5	69.5 72.5	72.6	
≥ 6 000 ≥ 5000	6.3	70.1 71.6	70.8		72.1	72.2	72.7	72.9	72.9	73.1	73.2	73.3	73.3	73.3	73.4	
≥ 4500 ≥ 4000	~9.9 71.4	72.1 73.7	72.9	73.5	74.3	74.4	74.9	75.1	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.6
≥ 3500 ≥ 3000	71.9	74.6	75.6 77.2	76.5	77.3	77.5	78.0	78.3	78.3	78.5	78.7	78.7	78.8	78.8	78.8	75.9
≥ 2500 ≥ 2000	74.1	77.5 19.8	78.8	80.1	81.3	#1.4 #6.0	82.2	82.5	82.5	82.8	83.0	83.1	83.1	83.1	93.2	83.2
≥ 1800 ≥ 1500	76.5	40.5	81.9	83.2	84.6	84.9	85.7	86.1	86.1	86.6	86.9	86.9	87.1	87.1	90.0	87.2 90.1
≥ 1200 ≥ 1000	79.6 #0.4	84.5 85.6	80.0	87.5	89.2	89.4	90.6	91.1	91.1	91.7	92.3	92.3	92.6	92.6	92.6	92.9
≥ 900 ≥ 800	80.8	86.2 86.8	87.8	89.4	91.3	91.5	92.8	93.3	93.4	94.1	94.8	94.9	95.3	95.3	95.5	95.6
≥ 700 ≥ 600	*1.5	87.3	89.0 39.4		92.6	92.9	94.4	94.7	94.8	95.6	96.3	96.5	96.9	96.9	97.3	
≥ 500 ≥ 400	#2.0 #2.2	48.3 88.5	90.0	91.7 91.9	93.7	94.1	95.3	95.9	95.9	96.9	97.7	97.9	98.6	98.8	98.9	
≥ 300 ≥ 200	12.2	88.5 88.5	90.2	91.9	94.0	94.2	95.6	96.2 96.3	96.2	97.2	98.0	98.3	99.0	99.0	99.4	99.5
≥ 100 ≥ 0	12.2	88.6	90.2	92.0	94.1	94.4	95.8	96.4	96.4	97.4	98.2	98.5	99.3	99.3	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS____

7435

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CEILING VERSUS VISIBILITY

HOUSE DE DET 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES) ≥ 3 ≥ 215 ≥ 2 > 1% > 11/4 ≥ 5/8 ≥ % ≥ 5/16 20.3 26.6 57.0 57.1 57.2 57.2 57.3 57.3 57.3 57.3 28.5 59.2 59.4 59.5 59.6 59.6 59.7 59.7 59.8 57.4 57.4 57.4 57.4 57.4 57.5 ≥ 18000 ≥ 16000 59.4 59.7 59.7 39.9 59.9 59.9 59.9 60.0 60-d 60-d 60-1 60.1 ≥ 14000 ≥ 12000 67.3 60.5 60.6 60.7 60.7 60.8 60.8 60.8 60.9 60.9 60.9 60.9 60.9 61.d 61.d 61.3 61.6 61.7 61.4 61.8 61.8 61.9 61.9 61.9 62.0 ≥ 10000 ≥ 9600 ≥ 6000 ≥ 5000 ≥ 3500 ≥ 3000 ≥ 500 ≥ 400 <u>≥</u> 100

TOTAL NUMBER OF OBSERVATIONS ______

MATA PROCESSIO MIVISION USAF ETAC AIR SEATIER SERVICE/MAG

CEILING VERSUS VISIBILITY

- 2011/2 FUNT SELTE INCLUDED STAGE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUPS (L.T.)

MONTH

CERTING								ISIBILITY :ST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	19.9	60.1	60.1	60.2	60.2	60.2	60.2		60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 18000 ≥ 16000	^2.8 03.1	63.0	53.1 63.3	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3
≥ 14000 ≥ 12000	64.1	04.3	64.4	64.4	64.5	65.9	64.5	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 10000 ≥ 9000	47.8 29.0	70.0	64.3 70.2	58.4 70.3	68.3 70.4	68.5 70.5	68.5 70.5	68.6 70.5	68.6 70.5	68.6 70.5	68.6 70.5	68.6 70.6	70.6	68.6 70.6	68.6 70.6	68.7 70.7
≥ 8000 ≥ 7000	72.4	73.1 75.5	73.3	73.5	73.8	73.8	73.8	73.9	73.9	73.9 77.6	73.9	74.0 77.7	74.0 77.7	74.0	77.7	74.0 77.8
≥ 6000 ≥ 5000	76.2	77.3	77.6	78.0 80.0	80.3	78.4	78.5	78.6 80.6	78.6	80.7	78.7 80.8	78.7 80.8	78.7 90.8	78.7	78.7	78,8
≥ 4500 ≥ 4000	78.5	79.9 82.5	82.9	83.3	80.9	81.0	81.1 83.9	81.2	81.2	81.3	84.2	81.4 84.2	84.2	81.4	81.4	81.5
≥ 3500 ≥ 3000 ≥ 2500	52.1 53.8 55.4	85.0 85.0	84.4 80.6 88.5	84.8 87.1 89.0	85.3 87.7 89.8	85.4 87.8 89.9	85.5		85.6	85.7	85.8	85.8	88.4	85.8	85.8	85.9
≥ 2000 ≥ 1800	30.7 7.2	89.5 90.6	90.8	90.8	91.8 92.4	91.9	90.1 92.1 92.8	92.4	90.3 92.4 93.0	90.5	90.6	90.6 92.8 93.5	90.7 92.9 93.6	90.7 93.0 93.6	90.7 93.6	90.8 93.1 93.7
≥ 1500	08.3 □9.2	91.3	92.2	93.0	94.1	94.2	96.1	94.9	94.9	95.3	95.6	95.7	95.8 97.5	95.8 97.5		95.9
≥ 1000	69.5	92.7		94.5	95.9	96.0	96.7		97.0	97.6	97.9 98.1	97.9	98.1	98.5	98.3	98.3
≥ 800 ≥ 700	69.7	93.0	94.1		96.5	96.5	97.2	97.5	97.5	98.1	98.4	98.7	98.7	98.8	98.9	98.9
≥ 500 ≥ 500	39.4	93.3	94.4	95.2	96.7	96.9	97.5	98.0	97.9 98.0	98.4	98.9	98.9	99.6	99.4	99.5	99.6
≥ 400 ≥ 300 ≥ 200	90.0 90.0		94.4			97.1	97.8	98.2	98.1 98.2	98.7 98.8	99.2	99.2	99.7	99.8		99.9 100.0
≥ 200 ≥ 100 ≥ 0	90.0	93.6	94.5		97.0		97.8		98.2	98.8	99.2	99.3	99.7	99.A	99.9	100.0
	30.0	93.6	94,5	95,5	97.0	97.1	97.8	98.2	98.2	98.6	99.2	99.3	99.7	99.8	79.9	100.0

USAF ETAC $_{\rm JUL\,64}^{\rm FORM} = 0.14.5$ (OL 1) Previous editions of this form are obsolete

CATA PROCESSIO DIVISION MEATHER SERVICENMAC

CEILING VERSUS VISIBILITY

- ZEARGE FURT SPITE DE TSTANDEN HAME AFT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS R. RT)

CE LING							٧	ISIBILITY (ST	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CELLING ≥ 20000	19.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.3
≥ 18000 ≥ 16000	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000 ≥ 12000	63.5	64.7	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000 ≥ 9000	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000 ≥ 7000	72.8	73.0		73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000 ≥ 5000	77.4	77.7	77.9	78.0	-	78.2	78.2	78.2	78.2	78.2	78.2	78.Z	78.2	78.2	78.2	79.2
≥ 4500 ≥ 4000	60.3	80.8	81.0			81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500 ≥ 3000	83.3 65.6	83.6 86.3		84.3	84.5	87.0	84.5		84.6	87.3	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500 ≥ 2000	17.8	89.5		89.2	89.4	89.4	99.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800 ≥ 1500	90.1	91.1 92.3	91.5	91.8		92.1	92.3	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.1
≥ 1200 ≥ 1000	72.3 93.0	94.3	93.9	94.3	94.8	94.9	95.1	95.4 96.5	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9
≥ 900 ≥ 800	93.2	95.0		95.5	96.1	96.2	96.5	96.8	96.8	97.3	97.5	97.5	97.7	97.8	97.H	97.8
≥ 700 ≥ 600	93.6	95.0			96.5	95.7	97.0	97.4	97.4	97.9	98.2	98.2	98.5	98.6	98.7	98.7
≥ 500 ≥ 400	93.9	45.4	95.9	90.4	97.0	97.1	97.6	97.9	97.9	98.5	98,8	98.8	99.2	99.4	99.4	99.4
≥ 300 ≥ 200	94.0 94.0		96.2		97.3	97.4	97.9		98.3	98.8	99.2	99.2	99.6	99.7	99.8	99.8
≥ 100 ≥ 0	94.0	95.8 95.6	96.3	96.8	1 - 1 - 1	97.5	98.0		98.4	99.0	99.3	99.4	99.8		100.0	

	OTAL NUMBE	OF	OBSERVATIONS	720
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CATA PROCESSING DIVISION JSAF ETAG AIR JEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26102 FIRT SHITE MET THE APT 37266 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L. T.)

CEILING							V	SIBILITY IST.	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ 1/2	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	74.5 58.9	34.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000 ≥ 16000	59.0	29.1 29.3	59.1	59.1 59.4	59.1	59.1	59.1 59.4	59.4	59.1 59.4	59.2 59.4	59.2	59.2	59.2	59.2 59.4	59.2	59.2
≥ 14000 ≥ 12000	60.7	60.8 53.1	63.2	60.8	63.2	60.5	60.6	60.8	63.2	60.8	60.8	60.º	60.8	60.8	63.3	60.9
≥ 10000 ≥ 9000	66.8 58.9	8.66	69.0	69.0	66.9	66.9	4.66	66.9	66.9	66.9	66.9	66.9	66.9	59.0	66.9	66.9
≥ 8000 ≥ 7000	73.1 75.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3 76.1	73.3	73.3	73.3	73.3	73.3	73.3 76.1
≥ 6000 ≥ 5000	77.3	77.3	77.4 80.8	77.4 80.8	77.4	77.4	77.5 80.4	77.5	77.5 50.8	77.5	77.5	77.5 80.9	77.5	80.9	77.5	77.5
≥ 4500 ≥ 4000	51.7 55.0	81.8 85.1	81.9	81.9 85.2	81.0	81.9	82.0	82.0 85.3	85.3	82.0 85.4	82.0	82.0	82.1	85.4	82.1	82.1
≥ 3500 ≥ 3000	*6.3	90.0	86.6 90.1	90.2	90.2	90.2	90.3	86.7 90.3	90.3	90.4	90.4	90.4	90.4	86.8 90.4	90.4	96.6 90.4
≥ 2500 ≥ 2000 ≥ 1800	91.6 73.1	91.9 93.4	92.0 93.6	92.0 93.6 94.1	92.1 93.7 94.2	92.1 93.8 94.2	92.2 93.8 94.3	92.2 93.9 94.3	92.2	92.3 96.0	92.3 94.0 94.5	94.0	94.0	92.3 94.6	94.0	94.0
≥ 1500	94.5 94.3	94.9	95.9	95.1	95.3	95.3	95.4	95.4 96.3	94.3 95.4 96.3	95.6	95.7	95.7	95.7	95.7	99.7	95.7
≥ 1000	95.0	96.2 96.5	96.5	96.8	90.0	96.8	96.9	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	90.4	96.9	97.1	97.2	97.5	97.5	97.7	97.7	97.7	98.0	98.5	98.2	98.5	98.2	98.2	98.2 98.5
≥ 600 ≥ 500	94.9 7.2	97.4	97.7	97.8	98.4	98.5	98.2	98.7	98.7	98.5	98.4	98.8	98.8	98.8	98.9	98.9
≥ 400 ≥ 300	97.4	98.1	98.2	98.3	98.0	98.8	98.8	98.9	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	97.4	98.1 98.1	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.4	99.7	99.7	99.8	99.9	99.9	
≥ 0	97.4	98.1	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

- ZALICZ FINT SALTH NET STANDING AFT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS & BT)

CEILING							VI	SIBILITY IST	ATUTE MILE	(S)		_				
FEET-	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ %	≥ 5/8	≥ 1/3	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000 ≥ 16000	57.9	57.9	57.9 58.0	57.9 58.0	57.9 58.0	57.9	57.9 58.0	57.9	57.9	57.9 58.1	57.9 58.1	57.9	57.9 58.1	57.9 58.1	57.9	
≥ 14000 ≥ 12000	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000 ≥ 9000	67.8	65.2 67.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	45.3	65.3
≥ 8000 ≥ 7000	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000 ≥ 5000	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500 ≥ 4000	31.9	82.0 85.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.C
≥ 3500 ≥ 3000	29.0	67.0 89.7	87.0 89.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
≥ 2500 ≥ 2000	91.1 92.5	91.3 92.9		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800 ≥ 1500	92.9	93.1	93.1 94.9	93.1	73.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1 95.0
≥ 1200 ≥ 1000	95.5 96.2	99.7 96.6	~ *	95.8 96.8		95.8 96.9	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9 97.1	95.9	95.9 97.1
≥ 900 ≥ 800	96.5	97.0 97.5	97.6	97.1 97.7	97.3	97.3 97.9	98.0	97,4	97.4	97.4	97.4	97.4	97.4	97.5	97.5 98.1	97.5
≥ 700 ≥ 600	97.4	97.8 98.1	98.3	98.1 98.4	98.3 98.7	98.3 98.7	98.4	98.4 98.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	1
≥ 500 ≥ 400	97.7 97.8	98.5	98.8	98.8	99.3	99,1	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.7
≥ 300 ≥ 200	97.9	98.8	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8		99.9			100.0
≥ 100 ≥ 0	98.0	98.8 98.8		99.2	99.5	99.6	99.7	99,8	99.8	99.9	99.9		100.0			

MATA PRECESSING GIVISION SAF ETAL AIR WEAT LR SE VICENTAC

TOTAL FLIKT STATION NAME TO STATION NAME OF T

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	ļ						٧	ISIBILITY IST	ATUTE MILE	S;						
feer !	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥16	≥ 1%	1 ≤	≥ ¾	≥ 5/8	≥ ¼	≥ 5, 16	≥ ¼	≥ 0
NO CERING ≥ 20000	71.6	51.4	51.5		51.7	51.7			51.7	51.8 57.0	51.8	51 · 8	51.B			51 · P
≥ 18000 ≥ 16000	20.4	56.7			57.4	57.1	57.1		57.1	57.2 57.5	57.2	57.2 57.5	57.2		57.2	57.2
≥ 14000 ≥ 12000	57.7	58.0	58.1	58.2	98.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	56.5	58.5 61.6	58.5	58.5
≥ 10000 ≥ 9000	54.9 57.2	67.6	67.7	65.5	65.7	63.7	65.7	65.7 68.1	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 8000 ≥ 7000	71.5	72.2	72.4	72.4	72.6 74.8	72.6 74.8	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	74.9
≥ 6000 ≥ 5000	75.1 78.7	75.7	79.4	75.9	76.1	76.1	76.2 79.8	76,2 79,8	76.2	76.3	79.9	76.3	76.3	79.9	79.9	76.3 80.0
≥ 4500 ≥ 4000	19.8	80.4	80.6	444	80.9	80.9	84.7	84.7	84.7	84.7	84.7	84.7	81.0 84.8	84.8	24.8	84.8
≥ 3500 ≥ 3000	14.B		87.8	47.9	85.9	85.9	88.2	88.2	88.2	86.1	86.1	86.1	88.3	86.1	86.1	86.1
≥ 2500 ≥ 2000 ≥ 1800	91.2	91.8	92.0	92.1	90.0	92.4	92.4	90.1	90.1	90.2	92.5	90.2	90.2	92.5		90.3
≥ 1500	92.7	92.2 93.4 94.7	93.5	93.7	92.7 94.0 95.3	94.0		94.0	94.0	92.8 94.1 95.4	92.8 94.1 95.4	92.6	92.9 94.1 95.4	94.1	94.1	92.9 94.2 95.5
≥ 1000	94.9	95.7 96.2	, • •	96.0	96.4	96.4		96.4		96.5	90.5	96.5	96.5 97.1	96.5	96.6	96.6
≥ 800	95.9	96.7	96.9	97.1	97.4	97.4		97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.0	97.6
≥ 600 ≥ 500	96.9	98.1		97.7		98.0		98.1	98.1	98.2 99.1	98.2	98.3	98.3	98.3 99.2	98.3	98.3
≥ 400	90.9	98.2	98.5	98.6	99.4	99.4	99.2	99.3	99.7	99.4	99.6	99.6	99.8	99.4	99.4	99.5
≥ 200		98.4 98.4	98.7	98.9			99.0			99.8	99.8	99.8	99.8	99.8		100.0
≥ 0	97.0	98.4	98.7	98.9	99.4	99.4	99.0		99.7	99.8	99.8	99.8	99.8	99.B		100.0

OTAL	NUMBER	OF	OBSERVATIONS	744	ò

MATA PROCESSING MIVISION ALP MENT IP SERVICE/ SAC

CEILING VERSUS VISIBILITY

29167 First Stiffe Historiane APT 37-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

			-				V	SIBILITY IST	ATUTE MILE	S:		<u>-</u>	·			
CERING FEET		-	· · ·											,		
"	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′.,	≥ 2	≥ 1%	≥ 1%	≥ ı	≥ ¾	≥ 5/8	≥ 1/3	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	^2.2 55.7	52.6 56.1	52.6	52.6 56.2	52.6 86.7	52.6 56.2	52.6 56.2	52.6	52.6	52.7	52.7	52.7	52.6 56.4	52.8 56.4	92.9	51.0 56.6
≥ 18000 ≥ 16000	55.8	- 4	56.3		50.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5		56.7	56.7
≥ 14000 ≥ 12000	57.5 59.1	57.9 59.5	58.0 59.7	58.1 59.7	58.1 59.7	58 · 1	58.1	58.1 59.7	58 · 1	58.1	58.1 59.8	58 . 1 69 . H	58.2 59.9	58.2 59.9	58.3	56.4
≥ 10000 ≥ 9000	54.0 96.5	04.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	67.5	65.0
≥ 8000 ≥ 7000	71.1 73.0	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0 74.5	72.1	72.2
≥ 6000 ≥ 5000	74.9	75.4	75.5 78.3	75.6 78.3	75.6	75.6 78.3		75.6	78.3	78.4	75.7 78.5	78.3	78.5	78.6	75.9	76.0
≥ 4500 ≥ 4000	78.5	/9.1 #1.7	79.2 81.8	81.9	79.3 81.9	79.3		79.3 81.9	79.3	79.4	79.4 82.0	79.4	79.5	82.1	79.0 82.2	79.7 82.3
≥ 3500 ≥ 3000	62.3	62.9		85.9	83.1 86.0		83.1 86.0	83.1 86.0		86.0	83.2	83.3 86.1		83.3	83.5	83.5
≥ 2500 ≥ 2000	47.7 90.3	88.3 91.0	88.5 91.1	88.5 91.2		91.3	91.3		91.3	91.3	88.7	88.7	91.5		88.9 91.6	89.0 91.7
≥ 1800 ≥ 1500	90.7	92.8	92.9	93.0		93.0	93.0	91.6	93.0	93.1	91.7	93.1	93.2	93.2	92.0	93.4
≥ 1200 ≥ 1000	92.8 94.0	94.9	95.0	95.1	95.1	95.1	95.2	95.2	93.8	95.3	93.9	94.0	94.0	95.5	94.4	95.7
≥ 900 ≥ 800	94.4	95.9		96.2	95.6		90.2		95.7	96.4	96.4	95.8	96.5	96.9	96.1	96.7
≥ 700 ≥ 600	95.4	97.1		97.4	97.4		97.5	96.8	96.6	97.6	97.6	96.9	97.7		97.2	98.0
≥ 500 ≥ 400	96.9 97.1	98.0 98.2					98.7	98.4			98.9		99.0	99.0	98.6	98.9
≥ 300 ≥ 200	97.2		98.5	98.7	98.8		98.9	98.8	99.0	99.1	99.1		99.3	99.3		99.4
≥ 100 ≥ 0	97.2	99.3 98.3	98.5					99.0				99.2	99.3	99.4		99.8

CATA PRUCESSING DIVISION USAF ETAC AIR REATHER SEMVICE/MAC

CEILING VERSUS VISIBILITY

FIRT SMITH OF THE PARTY PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS to

(FROM HOURLY OBSERVATIONS)

CEUNG	1						v	ISIBILITY ST	ATUTE MILE	S						
PEET	≥ ≀0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 212	≥ 2	≥ 11/2	≥ 174	≥ 1	≥ ¾	≥ 5 8	≥ %	≥ 5,16	≥ '.	≥ 0
NO CEILING ≥ 20000	^1.d	41.9	41.9	41.9	41.9	41.9	42.0	42.0 44.9	42.0	42.0	42.0	42.0	42.2	42.2	42.3	42.5
≥ 18000 ≥ 16000	44.0	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.6
≥ 14000 ≥ 12000	40.2	46.3	40.3	46.3	46.3	46.3	46.4 48.5	46,4	46.4	46.4	46.4	46.4	46.6	46.6	46.1	46.9
≥ 10000 ≥ 9000	32.1 54.0	52.1	52.1 54.1	52.1 54.1	52.2	52.2	52.2 54.2	52.2 54.2	52.2 54.2	52.3	52.3 54.2	52.3	52.4	52.5	52.5	52.8 54.8
≥ 8000 ≥ 7000	58.4	58.5	56.5	58.5	58.6	58.6	58.0	62.6	58.6	58.6	58.6 62.7	58.7	58.8 62.8	58.8 62.9	58.9	59.2
≥ 6000 ≥ 5000	53.5	66.6	63.7	63,7	63.8	63.8	63.8	46.7	63.8	63.8	63.8	63.9	66.9	64.1	64.1	67.2
≥ 4500 ≥ 4000	70.0	70.9		67.6	67.6	67.6	67.7 71.0	67.7 71.0	67.7	67.7	67.7 71.1	67.° 71.1	67.9	68 • C 71 • 3	71.4	68.3
≥ 3500 ≥ 3000	72.6	12.9 16.7	70.7	72.9	73.0 76.8	73.0	73.0 76.6	76.8	73.0	73.1 76.8	73.1 76.9	73.1 76.9	73.3	73.3	73.4	73.7
≥ 2500 ≥ 2000	19.3	79.7	79.7 82.8	79.7	79.8 82.9	79.8	79.8 83.0	83.0	79.8	79.9 83.1	79.9 83.1	79.9 83.1	RO+1	80.1	83.5	80.5
≥ 1800 ≥ 1500	83.3	83.7	82.7	83.6	83.8	83.8	83.9	86.5	86.5	84.0	84.0	84.0	84.2	84.2	84.4 87.0	84.7
≥ 1200 ≥ 1000	91.2		92.1	89.8	92.4	92.4	90.0	92.5	90.0	92.6	90.1	90.1		90.3	90.5	90.8
≥ 900 ≥ 800	92.0	43.8	93.9	93.2		93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.8	93.8	94.9	94.3
≥ 700 ≥ 600	93.3	94.6 95.0		94.9	95.0	95.5		95.7	95.3		95.4	95.5		95.8	95.9	96.7
≥ 500 ≥ 400 ≥ 300	74.6			96.4		96.7	96.9	97.5	97.5	97.7	97.2	97.8		97.6 98.2	97.8	98.1
≥ 200	95.1		97.1	97.3	97.5			98.1	97.9	98.0	98.1 98.4	98.1	98.9	99.6		99.0
≥ 100	95.3 95.3	-		97.4 97.4	97.7		98.1 98.1	98.2	98.2 98.2	98.4	98.5	98.6		99.1	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 7200

NATA PROCESSIE DIVISION SAF ETAL STRUCTURE STATE

CEILING VERSUS VISIBILITY

ST-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE JING	1						٧	ISIBILITY :ST.	ATUTE MILE	Si						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5:16	≥ %	≥ 0
NO CERING ≥ 20000	6.6	36.7	30.7	36.7	36.8	36.8 29.7	36.9	36.7	36.9	37.0	37.1	37.1	37.2	37.2	37.3	37.4
≥ 18000 ≥ 16000	39.7	39.7	39.8	39.8	39.9	39.9	39.9	40.0	40.0	40.1	40.2 40.8	40.2	40.3	40.3	40.4	
≥ 14000 ≥ 12000	40.9	41.6	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.3	41.5	41.5	41.6	41.6	41.7	41.7
≥ 10000 ≥ 9000	40.0	46.1	46.1 48.1	46.2 48.2	46.2	46.2	46.3	46.3	46.3	46.4	46.6 48.5	46.6	46.7	46.7	46.0 48.6	46.7
≥ 8000 ≥ 7000	51.7 55.2	>1.9	51.9 55.5	52.0 55.6	52.0 55.7	52.0 55.7	52.1 55.8	52.1 55.8	52.1 55.8	52.3 55.9	32.4	52.4	52.5 56.1	52.5 56.2	52.0 56.3	52.7 56.4
≥ 6000 ≥ 5000	35.8 57.8	56.2	56.3	56.3 58.3	56 . 4 58 . 4	56.4 58.4	50.5	56.5	56.5 56.5	56.6 58.7	56.8	56.8 58.8	56.9	56.9 58.9	57.0	57.7
≥ 4500 ≥ 4000	58.6 51.1	59.1	59.2	59.3	59.4 61.6	59.4	59.5	59.5	59.5	59.6 62.0	59.8 62.2	59.5 62.2	59.9	59.9	60.0	60.2 62.6
≥ 3500 ≥ 3000	62.3	62.7	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.7	63.8 66.3
≥ 2500 ≥ 2000	73.2	69.5 74.6	. •	69.8	69.9 74.5	69.9	70.0	70.0 74.7	70.0	70.1 74.9	70.3	70.3	70.4	70.4 75.2	70.6	70.7 75.5
≥ 1800 ≥ 1500	74.5	75.3	75.5	75.7 79.8	75.8 80.0	75.6	76.0 80.2	76.1 80.3	76.1 80.3	76.3 80.5	76.4	76.4	76.6	76.6	76.7	76.9 81.3
≥ 1200 ≥ 1000	31.9	85.2	84.6		84.4	84.4 87.5	84.7	84.8	84.8 88.1	85,1	85.5 88.9	85.5		85.8	89.4	86.0 89.6
≥ 900 ≥ 800	5.3	87.2 88.6		88.1 89.5	88.5 90.1	90.2	89.0 20.7	89.2	90.9	89.6 91.4	90.1	90.1	90.4	90.5	90.0	92.7
≥ 700 ≥ 600	67.3	89.4 90.1	•		91.2	91.2	91.3 92.6		92.9	93.6	93.3	93.3	93.7	94.8	94.9	95.1
≥ 500 ≥ 400	59.0	91.6	94.3	92.9	93.7			94.1 94.8	94.1	94.9	95.6	95.7		97.3	97.5	97.6
≥ 300 ≥ 200	19.3	42.0	92.5	93.4	94.4	94.2	94.9 95.2	95.3 95.6	95.3	96.3	97.1 97.5	97.2		98.7	99.1	99.4
≥ 100 ≥ 0	19.4	92.0			94.4	94.5	95.3 95.3	95.6		96.8 96.8	97.6	97.8 97.8	_ : : : : : : : : : : : : : : : : : : :	98.9 98.9		99.9

TOTAL NUMBER OF OBSERVATIONS 7440

TATA PRICESSEN PINESER OF SAF ETAL ALEXTRES SERVICE/MAL

- Control First - MITH - TIME ANT -

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS & ST.)

HONTH

CELING	!						VI	SIBILITY STA	ATUTE MILE	S.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2' 2	≥ 2	≥ 1'2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5, 16	≥ '`.	≥ 0
NO CEILING ≥ 20000	14.0	54.3 65.1	34.4	34.5	34.0	34.6 36.4	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.8	34.0	34.5
≥ 18000 ≥ 16000	35.6 35.9	36.7 46.3	30.3	36.4	36.5	30.5	36.6	36.6	36.6	36.6	36.6	36.6	36.7 36.8	36.7 36.8	36.7	36.7
≥ 14000 ≥ 12000	37.8	37.3	37.4	37.5	37.6	37.6	37.7	37.7	37.7	37.7 38.7	37.7	37.7	17.8	37.8 38.7	37.0	37.8 35.4
≥ 10000	40.0	40.5	40.0	40.7	40 · d	40.8	40.9	40.9	40.9	40.9	40.9	40.0	41.0	41.0	41.0	41.0
≥ 8000 ≥ 7000	45.7	46.3	46.5 50.1	46.6	46.8	46.4 50.6	46.9 50.8	46.7 50.8	46.9	50.9	46.9	50.9	47.0	47.0	47.1	47.1
≥ 6000 ≥ 5000	49.2	50.3 51.7	50.6	50.8	51.1	51.2 52.6	51.5 52.6	51.4 52.8	51.4 52.8	51.5	51.5	53.5 53.0	11.6	51,6 53.0	51.6	51.6
≥ 4500 ≥ 4000	اه.ن: ا مین	52.2 33.9	54.5	52.7	53.1 55.0	53.1	53.3	53.3	53.3	53.5 55.5	53.5	53.5 55.5	53.6	53.6 55.6	53.0	53.6 55.7
≥ 3500 ≥ 3000	5 . د ^د ۵ . خ د .	55.0 27.7	55.6 58.3	55.9 58.5	56.3	56.4	56.6	56.7 59.5	56.7 59.5	56.8 59.8	56.9 59.8	56.9 59.8	57.0	57.0 59.9	57.0	57.0 60.0
≥ 2500 ≥ 2000	50,4 6012 	50.6 54.0	61.3	61.6	62.3	62.4	62.7	67.0	62.8	63.1	63.2	63.2	63.3	67.5	67.0	63.3
≥ 1800 ≥ 1500	06.1	65.2	66.0		67.7	67.7	68.3 73.1	73.3	68.4 73.3	68.8 73.9	68.9	74.0	69.0	69.0	69.1 74.2	69.1 74.2
≥ 1200 ≥ 1000	72.9	73.8	75.0 75.5		77.5 81.3	77.4	78.2 82.4	78.5 82.8	78.5	79.3 83.7	79.5	79.5	79.6	79.6	79.7	79.7
≥ 900 ≥ 800	74.0	78.5 80.3	79.6 81.7	80.9 82.8		82.9	86.0	84.2	84.2	85.2	85.7	85.7 88.1	85.9	85.9	86 • C	88.4
≥ 700 ≥ 600	76.8	61.7	83.1 85.1	84.3 86.4	86.3	86.5 88.6	87.7	88.1 90.3	90.3	89.3 91.6	89.8 92.2	89.H	90.1	90.1 92.8	90.2	90.2
≥ 500 ≥ 400	70.5	45.8 66.8	87.4	88.8 89.9	91.1	91.3	93.6	93.1	93.1	94.4	95.1	95.2	95.8	95.9	96.0	96.0
≥ 300 ≥ 200	11.9	67.4 67.8	89.2	90.7	93.1	93.3	95.1	$\overline{}$	95.3		97.5	97.0	98.3	98.4	96.7	98.7
≥ 100 ≥ 0	132.3 12.3	67.8 87.8	89.7		93.0	93.9	95.3	95.9	96.0 96.0		98.3	98.4	99.4	99.5	99.9	

TATA PRIVILESSES (1VESTON)
USAN PTAC
CONTRACTOR (EXTERNITY)

STANDY DAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

61.56							· ·	ISIBILITY IST.	ATUTE MILE	:S!						
FEET	≥ :0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	£ 1/4	≥ 5.16	≥ 'å	≥ 0
NC CENING ≥ 20000	44.9	45.3	45.5	45.5	45.7	45.7	45.8	45.7	45.8	45.8	45.8	45.3	46.0	46.0	46.6	
≥ 18000 ≥ 16000	46.7	47.2	47.4	47.6	47.6	47.6	47.7	47.0	47.8	47.8	47.8	47.8	48.0	48.n	48.0	
≥ 14000 ≥ 12000	48.1	44.5	44.7	48.9	49.0 50.2	49.)	49.1	49.1	49.1 50.3	49.1 50.3	49.2 50.4	49.2 50.4	49.3	49.3 50.5	49.3	49.3 50.5
≥ 10000 ≥ 9000	2.0 55.1	53.3 55.0	53.5 56.3	53.7	53.0 56.7	53.8 56.7	53.9 56.9		53.9 56.9	53.9 56.9	54.0	57.11	54.1	54.1	54 • 1 57 • 1	54.1 57.1
≥ 8000 ≥ 7000	-8.9 0.00	63.2	60.3 63.6	60.6	60.9	60.9	61.1		61.2	61.2	61.3	61.3	61.4	61.4	61.4	65.4
≥ 6000 ≥ 5000	02.7 53.8	65.6	64.7	65.1	66.9	67.0	67.6	67.3	65.8	65.9	66.0	66.0	67.6	67.6	66.1	66.1
≥ 4566 ≥ 4000	04.j			68.7		67.6	67.5	69.9	67.9	70.0	70.1	68.1 70.1	70.3	70.3	76.3	70.3
≥ 3500 ≥ 3000 ≥ 2500	56.7	10.4	71.2	71.8	72.5	70.6	70.9	73.0	71.0 73.0	73.1	71.2	71.2	71.4	71.4	71.4	73.5
≥ 2000 ≥ 2000 ≥ 1800	71.4	71.9	72.8	76.3	74.2	74.3	74.7 77.7 78.8	77.9	74.6 77.9 78.9	74.9 78.1	75.1 78.3 79.3	75.1 78.3 79.3	75.3 78.5	75.3 78.5 79.6	75.3 78.5	75.3 75.5
≥ 1500 ≥ 1200	72.1	75.3 17.9	74.0			78.3 81.2 84.5	81.7	78.9 81.9 85.4	81.9	79.1 82.3 86.0	82.6 86.3	82.6	79.6 82.9	82.9	82.9	83.0
≥ 1000	78.7	83a1		85.6	87.1	87.2	87.8	88.2	88.2	88.8	69.2 90.3	89.2 90.4	59.6 70.7	90.8	89.8	- 1
≥ 800 ≥ 700	80.8	84.3		87.9	89.5	89.6	90.4	90.7	90.7	91.5	91.9	91.9	92.3	92.4	92.0	92.6
≥ 600	72.7	•	88.9	93.2	91.9	92.0	92.9	93.3	93.3	94.1	94.5	96.6	95.2	95.3 97.0	93.5	95.5
≥ 400	4.4	89.7	90.9	92.2	94.0	94.1	95.7	95.6	95.6	96.6 97.2	97.1	97.2	97.9	98.1	94.1	98.4
≥ 200	14.7	8.08	91.3	92.7		94.7	95.8	96.2	96.2	97.3	98.0	98.2	98.9	99.2	99.5	99.5
≥ 0	4.7	89.8		42.7	94.6		95.8		96.2		98.1	98.2	99.1	99.3		100.0

IATO	NUMBER	OF	OBSERVATIONS	7660	

MATA PROCESSIN DIVISION STAF ETAL SELVICE/MAC

CEILING VERSUS VISIBILITY

26102 FIRT SMITE AND ONLY STATES AND SME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_00%%*6500

· CELAS							· ·	SIBILITY ST	ATUTE MILE	s						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′;	≥ 2	≥ 112	≥ 1%	≥ 1	≥ ¾	≥ 5.8	≥ %	≥ 5 16	≥ .	≥ 0
NO CER NG ≥ 20000	16.H	58.5 59.2	•	59.1 59.9		59.5	60.9	60.5	60.5	60.6	60.6	60.8 61.3	60.8	60.8		60.8
≥ 18000 ≥ 16000	37.7 37.7	59.5	59.8 59.8	60.1	60.4	60.4	61.1	61.3	61.5	01.6	61.6	61.7	61.7	61.7	61.7	
≥ 14000 ≥ 12000	57.8	59.6 61.3		60.3	60.6	67.6	61.3	61.7	61.7	61.8	61.8	61.7	61.9	61.9	61.9	61.9
≥ 10000 ≥ 9000	02.4	63.1	63.4	63.9		64.2	64.8		65.3	65.4	65.4	65.5	65.5	65.5	66.5	65.5
≥ 8000 ≥ 7000	64.6	69.4	66.9			70.8	68.3 71.4		68.7 71.8	71.9	71.9	68.9 72.0	68.9 72.0		68.9 72.0	68.9 72.0
≥ 6000 ≥ 5000	58.0	70.0			1		72.0	72.5 76.1	72.5 74.1	72.6	72.6	72.7	72.7	77.7	72.7	74.3
≥ 4500 ≥ 4000	7100	74.6	73.0	73.5	74.0	74.0	74.6		75.1	75.2 77.7	75.2 77.7	75.3	75.3	75.3 77.8	I	77.8
≥ 3500 ≥ 3000	72.4	77.5	76.5 78.5		77.8 80.0		78.5 80.6	81.2	79.0 81.2	79.1 81.3	79.1	79.7	79.2	79.2	79.2	79.2
≥ 2500 ≥ 2000	74.6 75.7				- 1		85.2	85.8	85.8	83.9	83.9	84.0	Bool	84.C	84.0	86.1
≥ 1800 ≥ 1500		81.8		84.7	85.8	84.7	57.4	88.1	86.5 88.1	86.6	86.7 88.3	86 . F	87.0	87.0	87.0	86.8
≥ 1200 ≥ 1000	79.0	85.2		88.3	89.6	88.1	91.5	92.2		92.5	92,6	91.0	91.7 93.8	91.7		93.9
≥ 900 ≥ 800	F0.3	46.2		39.4	90.9		92.9	92.8	93.5	94.0	94.2	93.5	95.6	94.5	99.5	95.5
≥ 700 ≥ 600	81.2 61.5	87.6	59.2	90.6	92.6	92.2	94.7	95.5		96.0	96.2			96.7	96.8	97.5
≥ 500 ≥ 400	81.9	89.8	90.2		93.5	93.5	95.7	95.9	96.5	97.0	97.3		98.6		98.2	
≥ 300 ≥ 200	42.7 82.7	87.0	90.6	92.7	94.0	94.3	96.6	97.3	97.3	97.8	98.2	98.4	99.5	99.5	99.6	99.6
≥ 100 ≥ 0	-2.7	69.1	, ,		94.4	94.4				98.0 98.0						100.0

TOTAL NUMBER OF OBSERVATIONS

TATA PROCESSIBL MIVISION USAF ETAL BATHLE SELVICE/ SAC

20102 FIRST STITE WET STANDY WHEEL

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

>7=66

-0100π9500

, >							ISIBILITY ST	#1016 MILE							ł
	0 . ≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 14	≥ 0
CU	• • •	<u> </u>	61.2	61.6	61.7			62.2	62.2	62.2			62.2	62.2	62.4
000 - 7	·		61.9	62.4				63.0	63.0						63.1
100 . *			62.5	1			43.5	63.1	63.1	63.1 63.5	63.1	63.1	63.1	63.5	63.7
100 L	.3 64.	1 64.6	65.4	65.8	65.4	66.1	66.5	65.9	66.5	66.5	66.5	66.5	66.5	65.9	66.4
000	.5 70.	0 70.6	71.4	72-1	72.2	74.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
74	.2 72.	0 72.5	72.5	74.1	74.2	74.0	74.8	74.8	74.8	74.8	74.0	74.8	74.B	74.8	74.9
7.7	. 2 14.	2 75.1	76.2	77.0	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
74	17	b 78.6	79.8	81.6	Blel	81.6	81.7	61.7	81.7	81.7	81.7	81.7	51.7	81.7	81.5
7	1 41	6 33.4	84.3	85.8	85.9	86.4	86.6	86.6	86.6	86.7	86.7	80.7	46.7	86.7	86.E
500 75	C #3.	8 85.4	86.9	88.5	88.6	89.3	89.5	89.5	89.5	89.6	89.6	89.6	#9.6	90.0	90.1
000	3 86	6 88.	90.1	91.7	91.8	98.0	93.3	93.3	93.6	93.7		94.0	94.0	96.0	94.7
					93.2	94.4	94.7	95.7		95.3	94.2	95.0	95.6	96.4	96.3
500			92.9	94.5	94.6	96.3	96.7	96.7		97.2	97.2	97.7	97.7	98.4	
300	.5 89	9 91.	93.5	95.4	95.5	96.7	97.0	97.0	97.4	97.5	97.4	98.1	98.1	98.7	
00 5	.0 90	0 91.	93.7	95.6	95.9	97.1	97.5	97.5	98.0	98.1	98.1	98.7	98.7	99.7	99.9
	00 C C C C C C C C C C C C C C C C C C	00	00	00	60	00	90	00	1	00	00 6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	00	1	19.3 07.1 00.0 01.2 01.0 01.7 02.1 07.2 07.2 07.2 07.2 07.2 07.2 07.2 07.2	19.3 07.2 07.0 01.2 01.0 01.2 01.0 01.1 02.1 07.2 02.2 02.2 02.2 02.2 02.2 02.2 02.2

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULES 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE

CATA PROCESSING MINISTER OSAF ETAC NIS REATHER SERVICE/ MAC

COLUMN STATE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~^488779800

! Cf. NG							V	ISIBILITY ST	ATUTE MILE	(S)						ĺ
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ ′.	≥ 0
NO CEIUNG ≥ 20000	35.5	56,9 57.3		58.3 58.8	58 · 6	58.9 59.5	59.5 60.0	59.6 60.1	59.6	59.8	59.8	59.7	49.9	T - 1	59.9 60.5	:1
≥ 18000 ≥ 16000	55.9	57.3	58.4 58.4	58.8	59.2	59.5	60.0		60.1	60.3	60.3	60.5	60.5	60.5	60.3	
≥ 14000 ≥ 12000	56.0 50.5	57.7 55.1	59.2	59.2 59.6	59.5 59.9	59.8	6003 4000	60.4 60.9	60.5	60.7	60.7	60.8	40.8	00.8 61.2	60.0	60.9
≥ 10000 ≥ 9000	18.7	60.5	61.5	62.0	62.3	62.6 64.0	64.5	03.3 64.7	63.3	63.5	63.5	63.6	63.6	63.6 65.c	45.0	65.1
≥ 8000 ≥ 7000	66.3	64.7	70.3	70.7	71.1	67.1	72.0	72.1	72.1	72.3	68.0 72.3	68.1 72.4	72.4	72.4	72.4	72.5
≥ 6000 ≥ 5000	57.2	70.4	70.7	71.2	71.7	72.1	72.6	74.1	72.7	73.0	73.0	74.5	73.1 74.5	73.1	73.1	73.2
≥ 4500 ≥ 4000	57.7	71.0 72.8	72.8	73.4	73.8	74.2 74.7	74,8	74.9	74.9 77.4	75.1	75.1 77.6	75.7	75.2	75.2 77.7 78.8	75.2	75.3 77.8 78.9
≥ 3500 ≥ 3000 ≥ 2500	70.7	73.5 75.5	75.6		77.2	77.4 80.6	78.3 80.9	78.4 81.0	78.4	78.7 81.3	78.7 81.3	78.8	78.8 81.4 84.2	81.6 84.2	78.8 81.4 86.2	81.5
≥ 2000 ≥ 2000 ≥ 1800	72.2	77.3 79.6	79.8 81.6 62.2	82.7	82.5 84.4 85.0	83.2 85.7	83.7 85.0	83.8 85.7 86.3	83.8 85.7 86.3	85.9	85.9	86.6	86.0	86.6	34.0	86.1
≥ 1500	75.3	81.7 83.4		85.B	87.7	88.4	89.1 91.5	89.3	89.3 91.7	89.5	92.0	A9.8	92.2	92.2	90.0	90-1
≥ 1000	77.2	84.1	80.9	88.6	91.1	91.8	92.6	92.8		93.0	93.9	93.2	93.4	94.2	94.0	94.8
≥ 300	78.1 78.8	85.3 46.2		89.9	92.3		94.0		96.1	95.4	99.5	95.6	95.0		95.7	95.8
≥ 600	79.0	85.7		91.4	93.9	94.7	95.5	95.6 95.7	95.7	96.4	96.7	96.4	97.4	97.0	97.7	98.3
≥ 400	79.4			91.8	94.5	95.2	96.0	96.2	96.2		97.2		97.8	99.2	94.9	99.0
≥ 200		87.3		91.9	94.7	95.5	96.3	96.6	96.7	97.4		98.2	99.0		99.9	100.0
≥ 0	79.4	67.3	90.1	91.9	94.7	95.5	96.1	76.7	96.7	97.4	97.7	98.7	99.0	99.0	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION (SAF ETAL) AID GEATORY SERVICEZOAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0400 THEO

CEIUNG							V	ISIBILITY ST	ATUTE MILE	Sí						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'7	≥ 2	≥ 114	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5 16	≥ ¼	2
NO CEL!NG ≥ 20000	•7.5	40.1	44.8 51.8	50.5 52.6	51.1	51.1	51.2 53.2	51.2	51.2	51.2	51.2	51.2	91.4 53.4	51.4 53.4	51.4	ج د
≥ 18000 ≥ 16000	49.7	51.3 31.4	51.9 52.0	52.7	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	5 1
≥ 14000 ≥ 12000	33.5	52.2	52.8 53.4	53.5	54.7	54.1	54.2 54.5	54.2 54.8	54.2	54.2 54.8	54.2 54.8	54.2 54.2	54.4	54.4	34.4	54.
≥ 10000 ≥ 9000	53.2	54.6	55.6 57.8	56.3	56.9	56.9	57.0 59.5	57.0	57.0 59.5	57.0	57.0 59.5	57.0	57.2 59.7	57.2 59.7	97.2	57. 7 59. 0
≥ 8000 ≥ 7000	39.1 62.9	60.9	61.6	62.4	63.2 68.0	63.3	63.5	63.5	68.4	63.7	63.7	63.7	63.9	63.9	63.9	64.7 58.8
≥ 6000 ≥ 5000	63.5	65.6	66.6	67.7	69 · 1 70 · 0	70.1	69.6 70.4	69.6 70.5	70.5	69.7 70.8	69.7	70.8	69.9	69.9	69.7	70.0
≥ 4500 ≥ 4000	64.4	66.7			70.1	70.2 72.9	70.5 73.2	70.6 73.3	70.6	70.9	70.9	70.9	71.2 73.9	71.2	71.2 73.9	71.3 74.0
≥ 3500 ≥ 3000	07.4	77.2	71.1 72.6	72.4	74.0 76.2	74.2	74.6	74.7 77.4	74.7	75.1 77.7	75.2 77.8	75.2	75.5 78.2	75.5 78.2	75.5 78.2	75.6 78.3
≥ 2500 ≥ 2000	19.4 71.7	72.8	74.1	76.1 79.1	78.2 81.2	78.5 81.9	79.1 82.7	79.5 83.0	79.5 83.0	80.0			80.5 84.3	80.5	80.5	80.6
≥ 1800 ≥ 1500	72.3	76.5 78.6				82.7 85.2	83.4	86.2	86.2	84.5 87.1	84.7 87.7	87.7	85.1 88.4	85.1	85.1	85.2 88.5
≥ 1200 ≥ 1000	76.1	81.7 82.8	83.1		88.4	90.3	91.3	91.6	90.1	91.1	91.7	91.7	92.4	94.2	92.5	94.5
≥ 900 ≥ 800	77.7 75.2	84.5	85.5 86.1	88.7	91.0 91.7	92.3	92.5	93.7	92.9	95.1	94.8	94.4	95.6	95.6	97.0	97.1
≥ 700 ≥ 600	78.4 78.5	84.7 84.8			92.0	92.6	93.7	93.9	93.9	95.5	96.1	96.1	97.3	97.0	97.6	97.7
≥ 500 ≥ 400	79.0	85.6 86.0			93.4	94.0		95.7		96.8	97.6	97.6 98.1	98.6	98.6	98.9	99.0
≥ 300 ≥ 200	79.2		87.6	90.4	93.4	94.0	95.2	95.7		97.2 97.2	98.1	98.1	99.1	99.1	99.5	99.6
≥ 100 ≥ 0	79.2	86.0 86.0	87.6	90.4			95.2			97.2 97.2	96.1	98.1	99.1	99.1	99.5	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ZALUZ FIRT SKITTE IN T TOT APT 37-66

PATA PROCESSING DIVISION SAF ETAC AIR SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20112 FIRT SHITH HAT SHITT 57866 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1260#1400

CEIL NG							V	ISIBILITY :ST	ATUTE MILE	(S)						
1 FET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5, 16	≥ 4	≥ 0
NO CELING ≥ 20000	49,5	50.6	50.9	51.3	51.5 55.8	51.5	51.0	51.6	51.6	51.7 56.1	51.7	51.7	51.9	51.9	51.9	51.9
≥ 18000 ≥ 16000	53.8 53.8	54.9	55.2	55.6	55.8 55.8	55.8	55.9	56.0	56.0 56.0	56.1 56.1	56.1	56.1	56.3	56.3 56.3	56.3	56.3 56.3
≥ 14000 ≥ 12000	54.3 55.8	55.5	55.7 57.3	56.1 57.7	56.3	56.3 58.0	56.5 58.1	56.6 58.2	56.6	56.7 58.3	56.7 58.3	56.7	56.9	56.9 58.5	56.9	56.9 58.5
≥ 10000 ≥ 9000	59.5	60.9	61.1	61.7	61.9	61.9	62.0	62.2	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.5
≥ 8000 ≥ 7000	67.8	66.6		67.7	68.4	68.3 72.5	68.9 73.0	69.0 73.1	69.0	69.1 73.2	69.1	69.1	73.4	69.4 73.4	69.4	69.4
≥ 6000 ≥ 5000	68.7	70.6	71.1	72.4	73.5	73.8	74.3	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7
≥ 4530 ≥ 4000	70.2 71.3	72.6 73.7	73.0	74.3	75.6	75.8	76.5 78.1	76.6 78.2	76.6 78.2	76.7 78.3	76.7 78.3	76.7	76.9 78.5	76.9 78.5	76.9	76.9
≥ 3500 ≥ 3000	71.7	74.2	74.8	76.1 77.6	77.4	77.7	78.0		78.7	78.9 80.8	78.9	78.9	79.1 81.0	79.1 81.0	79.1	79.1
≥ 2500 ≥ 2000	73.9	77.1	78.1	79.4	80.8	81.2	82.4	82.6 85.3	82.6	83.0	83.2 86.3	83.3	83.5	83.5	83.5	83.5 86.8
≥ 1800 ≥ 1500	75.9	79.6	80.5	81.9	83.7	84.2	85.7	89.5	86.3	87.2	87.5 91.2	87.6	88.0	88.0	88.0	88,0
≥ 1200 ≥ 1000	78.9	83.7	84.6	85.1	88.3 90.2	90.8	90.4	91.1	91.1	92.0	92.8	92.9	93.3	93.3	93.3	93.3
≥ 900 ≥ 800	79.9 80.3	85.7	86.9	89.4		91.6	93.3	94.0	94.0	95.1	95.9	96.0	96.5	96.5	96.5	
≥ 700 ≥ 600	60.3	85.6 85.6	87.7		92.2	92.7	94.4	95.1	95.1	96.1	97.0	97.4	97.8	97.8	98.2	98.2 98.7
≥ 500 ≥ 400	50.6	87.4	88.7	90.4	93.2	93.6	95.5	96.1	96.1	97.2	98.2	98.7	99.2	99.4	99.7	99.7
≥ 300 ≥ 200	80.6	47.5	85.8	90.5	93.3	93.9	93.6	96.2	96.2	97.3	1	98.8	99.6		100.0	
≥ 100 ≥ 0	80.6	87.5		90.5	93.3	93.9			96.2		98.3	96.8		99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROGESSION DIVISION DEAR ETAL AIR SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

251112 Fint SMITH Held STAND VANE AFT 37-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 m 1,700

CEILING							v	ISIBILITY IST	ATUTE MILE	ES ₁	•					
FLE*	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ %	≥ 0
NO CEILING ≥ 20000	10.6	52.0	52.0	57.2	52.4	52.4	52.6	52.6	52.6	52.9	52.9	52.9	52,9	52,9	53.0	53.1
≥ 18000 ≥ 16000	54.0	36.0	56.0 56.0	56.2	56.5	56.5	56.7	56 8 56 8	56.8	57.1 57.1	97.3 57.3	57.3	57.3	57.3 57.3	57.4	57.5 57.5
≥ 14000 ≥ 12000	55.2 57.8	36.6	50.6	56.8 59.6	57.0 59.8	57.c	57.2	57.3	57.3	57.6	57.8	57.8	57.8	57.8	58.0	58.1
≥ 10000 ≥ 9000	61.9	63.5	63.5	63.8	64.1	64.1	64.5	64.6	64.6	64.9	65.2	65.2	65.2	65.2	65.3	65.4
≥ 8000 ≥ 7000	66.5	64.1 71.2	71.5	72.0	69.0 72.9	69.0 72.9	73.5	69.7 73.8	69.7 73.8	70.0	70.3	70.3 74.4	70.3	70.3	70.4	70.5
≥ 6000 ≥ 5000	70.0 70.8	71.6	71.9	72.5	73.3	73.3 74.8	74.0	74.2	74.2	74.5	74,5	74,8	74.8	74.8	74.9	75.1 76.6
≥ 4500 ≥ 4000	71.1 71.8	73.1 74.1	73.7	74.2	75.3 76.7	75.3 76.7	75.9	76.1 77.5	76.1	76.5	76.8 78.2	76.9 78.2	76.8	76.8 78.2	76.9	77.0 78.4
≥ 3500 ≥ 3000	72.4	74.7	75.5	76 • 1 77 • 3	77 • 3 78 • 7	77.3 78.7	78 • 1 79 • 6	78.3 79.8	78.3 79.8	78.6	78.9	78.9 80.4	78.9	78.9	79.0	79.1
≥ 2500 ≥ 2000	74.5	77.4	79.4 80.6	79.4	80.9	80.9	81.9	82.2	82.2	82.5	82.8	82.8	72.9 85.7	82.9	83.0 8.65	83.1 85.9
≥ 1800 ≥ 1500	77.0 78.1	80.1 82.0	81.1	82.0	83.8	87.8	84.8 87.1	87.7	85.2	85.7	86.1 89.4	86.1	86.3	86.3	86.5	86.6
≥ 1200 ≥ 1000	79.7 80.3	87.7 84.8	84.7	87.2	87.7	87.7 89.2	90.3	91.2	91.2	90.3	91.2 93.1	91.2	91.4	91.4	91.5	91.6
≥ 900 ≥ 800	50.4 80.9	85.2 85.7	86.3	87.6 88.3	89.8	90.5	92.0	91.7	91.9	92.7	93.9	94.0	94.3	94.3	94.4	94.6
≥ 700 ≥ 600	51.3	86.3 86.9	87.6	89.6	91.2	91.2 91.8	92.7	93.3	93.5	94.4	95.9	96.1	96.5	96.5	96.8	97.0
≥ 500 ≥ 400	61.8 81.8	87.6	88,9	90.3	92.6	92.6	94.1	94.7	94.9	96.0	97.6	98.0 98.1	98.7	98.7	99.0	99.2
≥ 300 ≥ 200	51.8 31.8	87.6	85.9	90.3	92.6	92.6	94.1	94.7	94.9	96.1	97.7	98 • 1 98 • 1	99.0	99.1	99.5	99.7
≥ 100 ≥ 0	#1.8 81.8	87.6	88.9		92.6	92.6		94.7	94.9	96.1	97.7 97.7	98.1 98.1	99.1	99.1 99.1	1	100 • c

TOTAL NUMBER OF OBSERVATIONS 940

SAF ETAC AIR REATTER SERVICE/TAC

CEILING VERSUS VISIBILITY

COLOR SOLITA WELLSTAMON MAME AFT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 488 R + 1800

CEILING							v	ISIBILITY (ST	ATUTE MILE	Si		<u> </u>				
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 11%	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	7.1	57.3 58.7	57.3		57.4 58.8	57.4 58.2	57.4 58.8	57.4 58.8	57.4 58.8	57.5 58.9	57.6	57.6	57.6	57.A	57.7	57.7 59.4
≥ 18000 ≥ 16000	58.7	59.0 59.1	59.0 59.1	59.0 53.1	59.1	59.1	59.1	59.1 59.2	59.1	59.2 59.4	59.6 59.7	59.6	59.6	59.6	59.7 59.8	59.7
≥ 14000 ≥ 12000	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.3	60.3	60.3	60.3	60.4	60.4
≥ 10000 ≥ 9000	64.5	65.5	64.8	65.7	65.4	65.4	65.5	65.5	65.5	65.0	65.9	65.9 67.6		65.9	66.0	66.0
≥ 8000 ≥ 7000	57.7 71.2	72.3	68.1 72.5		68.6	73.1	69.0 73.5	69.1 73.7	_ =	(69.8 74.6	74.4	74.4	74.4	69.9	69.9
≥ 6000 ≥ 5000	71.4 73.0	72.5	72.9 74.7	73.2	73.5	73.5	74.0 75.8		74.1 75.9	74.4	74.8		74.8	74.8	74.9	74.9
≥ 4500 ≥ 4000	75.9	75.1 76.1	75.6 76.8	77.2	77.0	76.2 77.6		76.9	78.2	78.5	77.5	77.5	77.5	77.5		77.6
≥ 3500 ≥ 3000	75.2 70.1	76.8 78.1	77.5 79.1	80.1	80.8	8.08	81.2		81.3	81.7	80.1	80.1 82.4	82.3	80.1	80.2 82.4	80.2
≥ 2500 ≥ 2000	70.9 78.9	78.9 81.8	80.0	84.0	84.8	84.8	85.6	82.5	85.8	86.2	83.4		83.4 86.9	86.9		87.0
≥ 1800 ≥ 1500	60.0	85.5	84.3 86.6	87.5	88.8	86.3	89.5	90.1	90.1	90.5	91.6	91.6	91.6	91.6	71.7	91.7
≥ 1200 ≥ 1000	83.5	87.6 88.6		90.9	92.2	91.1	93.2	93.5	93.7	93.5	94.4	94.4	94.4 96.1	96.1	96.2	94.5
≥ 900 ≥ 800	34.2 54.0	89.7	90.9		93.2	93.2	94.3		94.7	95.9	97.0	96.5	96.6	96.6	97.5	97.6
≥ 700 ≥ 600	64.7	59.8		92.4	93.7		94.6		95.3	96.2	97.7		97.7	98.2	98.3	98.0
≥ 500 ≥ 400	54.8	90.3		92.9		94.2		95.7	95.8	97.2	98.5	98.9		99.5	99.6	
≥ 300 ≥ 200	74.8	90.3		92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.6	99.0	99.0		99.7	99.8
≥ 100 ≥ 0	64.8		91.8					95.7		97.2	98.6				99.9	100.0

TOTAL NUMBER OF OBSERVATIONS ____

930

DATA PRECESSING DIVISION TIP ENTIFE SERVICE/TAC

CEILING VERSUS VISIBILITY

- SHITH DET STANDY TAMER FT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100 m2300

CEILING	[٧	ISIBILITY IST	ATUTE MILE	ES)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	>7.5 38.3	58.1	58.2 59.0	58.3	50 - 4 59 - 2	58.4 50.2	58.7	57.1	59.1	59.4	59.4	59.4	59.5	59.5 60.3	59.5	57.5
≥ 18000 ≥ 16000	>8.6 >8.6	59.2	59.4	59.5	59.6 59.7	59.6 59.7	59.9 60.0	60.4	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 14000 ≥ 12000	58.9 59.7	59.7	59.8	59.9	60.0	60.0	60.3	60.8	61.5	61.0	61.0	61.7	61.1	61.1	61.1	61.8
≥ 10000 ≥ 9000	63.2	03.3	63.4	63.7	63.8 64.4	03.8	64.8	64.5	64.5	64.7	64.7	64.7	64.8	64.8 65.7	64.8	64.8
≥ 8000 ≥ 7000	65.3	09.9	70.2	70.4	70.5	70.5	67.3 71.0	68.0 71.6	71.6	68.3 71.9	72.0	72.0	72.2	68.4 72.2	72.2	72.2
≥ 6000	71-1	70.8	71.1	71.3	71.5	71.5	71.9	72.6	72.6	72.9	73.0 75.4	75.4	73.1	73.1	73.1 75.5	73.1 75.5
≥ 4500 ≥ 4000 ≥ 3500	71.5 73.2 73.7	73.3 75.2 75.8	73.9 75.8 76.8	74.1	74.3 76.5 77.4	76.5 77.4	76.9 77.8	75.4 77.5 78.5	77.5	75.7 78.0	75.8 78.1 79.1	75.8 78.1 79.1	75.9 78.2	75.9 78.2 79.2	75.9 78.2 79.2	75.9 78.2 79.2
≥ 3000 ≥ 2500	74.9	77.3	76.8 78.4 79.4	79.0	79.2	79.2 80.3	79.7	80.3	80.7	79.0 81.0	81.1	81.1	81.2	81.2	91.4	81.2
≥ 2000	77.0	80.8 81.7	82.0	#3.0 #4.1	83.4	83.4	84.2	84.8	85.9	85.6	87.1	85.9	86.0	86.0	86.0	87.2
≥ 1500	82.8	84.6	85.4	89.1	89.8	86.8	87.8	91.8	91.8	92.6	93.4	93.4	93.7	93.7	93.7	93.7
≥ 1000	83.9 84.1	48.3	89.5	90.9	91.2	91.5	93.1	94.0	93.5	94.4	95.9	95.9	95.5	95.5	99.5	95.5
≥ 800	F4.4	85.4 89.0	89.9	91.5	91.9	91.9	94.3	94.4	95.3	95.4	96.3	96.1	96.6	96.6	96.0	96.6
≥ 600	65.4	90.4	91.9	93.3	93.4	94.2	95.8	95.9	96.9	97.1	98.9	98.9	98.4	98.4	98.4	98.4
≥ 400 ≥ 300 ≥ 200	75.4	90.5	92.0	93.4	94.4	94.4	96.0	96,9		98.1	99.0	99.0	99.5	99.5	99.6	99.5
≥ 100 ≥ 0	#5.4	90.5	92.0		94.4	94.4	96.0	97.0	97.1	98.2	99.1	99.1	99.6	99.6		99.6
	23.4	90.5	92.0	73.5	79.4	4000	76.0	97.0	97.1	75.2	34.1	99.1	77.6	44.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

TATA PRICESSING DIVISION USAF ETAG AIR REATIFR SECVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0000 79300

CEILING	ļ							ISIBILITY (ST	ATUTE MILE	ES _I						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	61.7	61.8	61.9	61.9	61.9	61.9	62.9		61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 18000 ≥ 16000	42.3	92.6	62.9		62.9			62.9	62.9	63.0	63.0	63.1	63.0	63.0	63.0	63.2
≥ 14000 ≥ 12000	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3		64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 10000 ≥ 9000	67.0	67.7	68.0		68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 8000 ≥ 7000	73.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 6000 ≥ 5000	77.8	79.4	79.9	80.0		80.5	80.7	80.7	80.7	80,9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 4500 ≥ 4000	78.7	80.5	81.1	81.2	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0 83.2	92.0 83.2	82.2
≥ 3500 ≥ 3000	⁴ 0∙0	82.5	84.5	83.6	84.0	84.0	84.3	84.3	84.3	84.4	85.5	84.4	84.4	84.4	84.4	84.5
≥ 2500 ≥ 2000	32.0	#5.3	86.3		87.1	87.1	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	97.5	87.6
≥ 1800 ≥ 1500	64.2	86.8 87.6	88.3		89.7	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1200 ≥ 1000	40.1	89.5	91.3			93.5	94.2	94.2	94.2	94.3	94.4	94.4	94.7	94.7	94.7	94.8
≥ 900 ≥ 800	+7.1	90.8	92.7		94.8	95.0		95.9	95.9	96.1	96.2	96.2	96.5	96.5	. • (96.6
≥ 700 ≥ 600	87.7	91.5	93.5			95.9	96.6		96.7	97.0	97,2	97.2	98.2	97.4	97.4	97.5
≥ 500 ≥ 400	8.4	92.2	94.2	94.7	96.3	96.6	97.3	97.4	97.4	97.9	96.0	98.0	98.3	98.3	98.3	98.5
≥ 300 ≥ 200	9.1	92.9	94.9	95.5	97.2	97.4	98.1	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.3
≥ 100 ≥ 0	9.2	93.0	95.0	95.6	97.3	97.5		98.7	98.7			99.3		99.8	99.8	

FATA PRICESSIME DIVISION SAF ETAS AIR FEATURE SE VICENIAG

CEILING VERSUS VISIBILITY

20102 FIRT SALTE INT STATOL NAME PERCENTAGE FREQUENCY OF OCCURRENCE

F B ~026070200

(FROM HOURLY OBSERVATIONS)

CEILING	i						٧	ISIBILITY .ST	ATUTE MILE	ESı						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1%	≥ 19	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ %	≥ 0
NO CEILING ≥ 20000	· 7 · 1	57.7	58 - O	58.0	58 · 2	58.2 58.7	58 • 2 58 • 7	58.2 58.7	58.2 58.7	58.2 58.7	58.2 58.7	58.7	58.2	58.2 58.7	58.2	58.5
≥ 18000 ≥ 16000	57.7	58.3 58.5	58.6	58.6 48.9	58.7	58.7	58.7 59.0	58.7 59.0	58.7	58.7 59.0	58.7	58.7	58.7	58.7 59.0	58.7	59.1
≥ 14000 ≥ 12000	58.6	39.5	59.8 61.0	59.8	59.9	57.9	59.9	59.9	59.9	59.9	49.9	59.9	59.9	59.9	59.9 61.1	60.3
≥ 10000 ≥ 9000	62.8 65.4	65.4	64.1	64.2	64.4	64.4	67.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.8
≥ 8000 ≥ 7000	72.0	73.9	70.3	70.7 74.8	70.9	71.3 75.7	71.3 75.7	71.3 75.7	71.3 75.7	71.3 75.7	71.3	71.3 75.7	71.3	71.3 75.7	71.3	71.6
≥ 6000	73.3	75.2	75.6 77.5	76.1 77.9	76.7 78.5	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.1 78.8	77.4
≥ 4500 ≥ 4000	75.2 75.9	78.3	79.2	78.5 79.6	79.1 80.1	79.4	79.6	79.6 80.6	79.6 80.6	79.6 80.6	80.6	79.6 80.5	79.6 80.6	79.6 80.6	79.6 80.6	79.9
≥ 3500 ≥ 3000	70.2	78.8 80.5		80.1 81.8	80.7	82.7	81.2		81.2	81.2 83.0	81.2 83.0	81.2	81.2	81.2 83.0	81.2	81.6
≥ 2500 ≥ 2000 ≥ 1800	78.3	81.8 83.1	86.0	83.5 84.8	85.8	86.2	86.6	86.6	84.6	87.1	87.1	87.1	87.1	84.6	84.6 87.1	85.0
≥ 1800 ≥ 1500 ≥ 1200	30.3 31.9 63.9	43.9 45.6 87.8	80.5	87.4	86.8	87.1	87.6 89.8		87.6 89.8 92.6	90.3 93.1	90.3 93.1	90.3	90.3	90.3	90.1	90.7
≥ 1000	84.8	88.7 69.8	19.6	90.5	91.1 92.1 93.3	91.5 92.4 93.6	92.6	92.6 93.7 94.9	93.7	94.6	94.6	93.1 94.6 95.7	94.9	93.5 94.9 96.1	94.9	95.3
≥ 800	35.0	89.8	90.8	91.7	93.3	93.6	94.9	94.9	94.9	96.1	96.1	95.9	96.6	96.2	96.6	96.6
≥ 600	₹ 6.1	90.4		92.0	94.1	94.4	93.7	95.7	95.7	97.0	97.0	97.0		97.6 97.8	97.6	98.0
≥ 400	26.6 97.0	91.4		93.3	94.0	95.5	96.5	96.5	96.8	97.8 98.1	97.8	97.8 98.1	98.7 98.7	98.3	98.7	98.7
≥ 200	57.0	91.5	92.8	93.7	95.5	95.7		97.2	97.2	98.5	98.5	98.5	99.1	99.1	99.1	99.4
≥ 0	17.4	91.7	93.1	94.1	95.7	96.1	97.5	97.5	97.5	98.8	98.8	98.8	99.4	99.4		100.0

TOTAL NUMBER OF OBSERVATIONS

CATA PROGESSIO MINISTER CSAF ETAC MIR MEATHER SERVICEMMAC

CEILING VERSUS VISIBILITY

24102 FIRT SHITE HIMT STANDING PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0000 0700

CEICNG							VI	SIBILITY 'ST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,5	≥ 2	≥ 11/4	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	73.5	54.5	54.6 55.4	54.7	55.3	55.3 56.3	55.3	55.4 56.4	55.4	55.4	55.4	55.4	55.6	55.6 56.5	35.7	55.7
≥ 18000 ≥ 16000	54.3	55.3	55.4 55.4	55.7 55.7	56.3 56.3	56.3 56.3	56.3 56.3	56.4 56.4	56.4	56.4 56.4	56.4	56.4	56.5	56.5 56.5	56.6	56.6
≥ 14000 ≥ 12000	94.0	55.9 56.7	56.9	56.3	56.9	56.7	56.9	57.0	57.0 57.8	57.0	57.0	57.0	57.1	57.1	57.2	57.2 50.0
≥ 10000 ≥ 9000	59.1	60.3		61.0	61.7	64.5	61.7	61.8	61.8	61.8	61.8	61.8	64.8	61.9	62.1	62.1
≥ 8000 ≥ 7000	55.6	71.7		67.8 73.2	68.7	68 . 8 74 . 6	68.8 74.7		68.9	68.9	68.9	74.9	69.0 75.1	69.0 75.1	69 · 1	69.1
≥ 6000 ≥ 5000	70.6	72.5	73.3	74.2	75.5	75.7	75.8	75.9	75.9	75.0	76.0	76.0	76.1	76.1 77.8	76.4	76.2
≥ 4500 ≥ 4000	71.9	73.8		75.9	77.2 78.7	77.3 78.8	77.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8 79.3	77.9	77.9
≥ 3500 ≥ 3000	73.3	75.0				79.4	79.6 81.8		79.7	79.8	79.8	79.8 82.0	79.9	79.9	80.0	80.0
≥ 2500 ≥ 2000	77.2	77.1 80.5			_ ~ ~	83.3	1		83.7	83.8	83.8 86.1	83.R	83.9	83.9 86.2	84.0	84.0
≥ 1800 ≥ 1500	77.3	80.6 63.2	81.7		84.9 87.8	85.3	85.8 85.9		85.9	86.4 89.8	A6.5	86.5 90.0	90.1	86.6 90.1	80.8	86.8 90.2
≥ 1200 ≥ 1000	01.7	85.7 37.0	86.8 88.1			91.4	92.1		92.3	93.1	93.3	93.3	93.4	93.4	1	93.4
≥ 900 ≥ 800	F3.3	87.7 87.7		90.5		93.6		94.7	94.8	95.7	95.9	95.9	96.1	96.1	96.2	96.3
≥ 700 ≥ 600	53.7 53.7	69.1 88.1	89.1 89.1	90.9		94.2	95.0			96.6	96.7	96.5	1		97.3	97.3
≥ 500 ≥ 400	h3.8 ∂4.0		90.1	91.5	94.7	94.8	90.1	96.3	96.5	97.3 97.6		97.4		98.1	98.3	98.3
≥ 300 ≥ 200	4.5	89.7		92.9		96.2	97.2	97.4	97.5	98.7	98.0	98.8	99.3	99.3		99.5
≥ 100 ≥ 0	74.8 74.8		91.1	92.9			97.3			98.8					99.8	99.B

TOTAL NUMBER OF OBSERVATIONS

DATA PRINCESSING DIVISION AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

FIET SALTA NOT STAND TANK THE

-0482 1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

crand .							V	SIBILITY ST	ATUTE MILE	S:						
FFET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ;	≥ 2	≥ 1 ½	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ '.	≥ 0
NO CELL NO	/ U . A	50.5	50.7	50.9	50.9	50.9	51-1	51.1	51.1	51.4	51.7	51.7	51.8	51.8	51.8	51.8
≥ 20000		53.2	53.4	53.7	33.7	53.7	53.8	53.8	5	54.1	54.4	34.4	54.5	54.5	54.5	54.5
≥ 18000 ≥ 16000	52.8	33.5 53.7	53.8	54.0	54.0	54.0 54.1	54 - 1 54 - 3	54.1 54.3	54.1	54.5	54.7	54.7	54.8	54.8 55.0	54.6	2
≥ 14000 ≥ 12000	33.5	54.3	54.5	54.7	54.7	54.7	54.8	54.8 85.3	54.8	55.2	55.4	55.4	55.6	55.6	55.0	
≥ 10000 ≥ 9000	56.3	59.1		39.6		59.7	59.6	59.8	59.8	60.2	60.4	60.4	60.5	60.5	60.5	
≥ 8000 ≥ 7000	70.6	67.3	67.7	68.1	68.3	69.4	66.6	68.7	56.7	69.0	69.4	69.4	69.5		69.5	
≥ 6000 ≥ 5000	71.0 72.3	73.2	73.8	74.3		75.1	75.3	75.5	75.5	76.0 77.8	-	76.4	76.5		76.5	
≥ 4500 ≥ 4000	72.7	75.2	75.8	76.4	77.2	77.3	77.7	77.9	77.9		78.7	78.7	76.8		78.8	78.8
≥ 3500 ≥ 3000	74.1	74.7	77.3	77.9	78.8	79.0	79.4	79.7	79.7	80.1	80.5 82.9	ຄິດ ເວ	8¢.6	80.6	80.6	80.6
≥ 2500 ≥ 2000	77.0 78.6		80.6	81.3		82.7	83.3		93.6	84.0	86.9	84.4	34.5		84.5	84.5
≥ 1800 ≥ 1500	78.5	82.0	82.7	83.5	84.9	85.C	85.7	85.9	85.9	86.9		87.2			87.5	87.5
≥ 1200 ≥ 1000	70.b	84.8	85.5	86.3	87.9	88.2	89.5		89.7	91.4	91.7	91.8	92.3	92.3	92.3	92.3
≥ 900 ≥ 800	62.0 82.3	86.6	87.5		90.1	90.3	91.8		92.4	94.2	94.8	95.0		95.7	95.7	
≥ 700 ≥ 600	52.6	67.4	86.2		90.9		92.9		93.5	95.3	96.0	96.7	97.2	97.2	97.2	97.2
≥ 500 ≥ 400	13.1	84.3	89.1	90.1	92.0	92.2	94.0		94.8	96.8	97.9	97.8	98.7			98.8
≥ 300 ≥ 200	3.7	89.0			92.7	92.9	94.7	95.5	95.5			98.7			99.8	99.8
≥ 100 ≥ 0	3.8	67.1	90.0	90.9	92.6	93.0		95.6		97.9		98.9	99.8	99.9		100.0

TOTAL NUMBER OF OBSERVATIONS

TATA PRO 55510 TIMESTON 545 LTAL TENVIOLIZATION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 400 m 1400

CEIUNG							V	SIBILITY ST	ATUTE MILE	:Si						
FEE1	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21,	≥ 2	≥1%	≥ 1%	ا ≾ِ	≥ ¾	≥ 5/8	≥ 1/3	≥ 5 16	≥ '4	≥ 0
NO CEUND ≥ 20000	54.5	55.1	55.2	55.2	55.2	55.7	55 . 3 59 . J	55.3	55.3	55.3	55.3	55.1	55.3	55.3	55.3	55.3
≥ 18000 ≥ 16000	58.2 58.5		59.7	7	59.3 59.7	59.7	59.5	59.5	59.5 59.8	59.5	59.5	59.5	59 .5	59.5	59.5	
≥ 14000 ≥ 12000	39.0	59.9	60.2	60.2	60.2	61.1	6003	60.3	60.3	60.3	60.3	60.3	61.2	60.3	60.3	60.3
≥ 10000 ≥ 9000	4.5 66.8	66.1	66.3	66.5	66.3	66.3	69.0	69.0	66.5	66.5	60.5	60.5				1
≥ 8000 ≥ 7000	70.1 73.8	72.1 16.2	72.5	72.5	72.0	72.6	78.3	72.9 78.3	72.9	78.4	72.9 78.4	72.9	75.4	78.4	78.4	78.4
≥ 6000 ≥ 5000	14.7	77.4	78.0	78.4 79.3	79.0	79.0		80.5	79.6 80.5	79.7	80.6	79.7	79.7	79.7	79.7	80.6
≥ 4500 ≥ 4000	75.4	19.5	79.1 80.3	79.4 80.7	80.0	80.0	80.0	80.6 81.9	80.6	82.2	82.2	80.7	80.7	82.2	80.7	82.2
≥ 3500 ≥ 3000	75.7	77.9 60.7	80.5 81.6	82.0		82.9	83.8	82.2	82.2	84.4	82.4 84.4	82.4	16.4	114.4	84.4	
≥ 2500 ≥ 2000	79.0	82.4 84.6			84.9	84.9 87.4	85.8	86.1 88.7	86.1	89.1	86.4	86.4	89.1	86.4 49.1	89.1	1.08
≥ 1800 ≥ 1500	1.1	84.9 85.6	86.8		88.5		89.8	90.1	89.0 90.1	90.5	90.5		90.7	90.7	90.7	90.7
≥ 1200 ≥ 1000	3.5	86.6 87.6	89.2	90.0	91.4	91.7		92.4	92.4			93.5	95.3	95.3	95.1	93.4
≥ 900 ≥ 800	4.3		90.5	91.3	92.8	93.1	94.0		95.4		96.0	96.9	97.2	97.2	97.2	97.2
≥ 700 ≥ 600	4.6	89.6	91.4	92.1	93.7	94.1	95.5	96.3	96.3	97.4	96.9	97.9	98.2	98.2	98.2	98.2
≥ 500 ≥ 400		49.4	92.2	92.9	94.6		90.6	97.4	97.4		98.0	98.9	99.5	99.5	99.5	99.5
≥ 300 ≥ 200	5.9	90.4		93.0		95.4	96.8	97.6	97.6	98.7	98.8	99.2	100.0	100.0		100.0
≥ 100 ≥ 0	3.9	-			_		_		97.6		98.8		_			100 - 0

TOTAL	NUMBER	QF	OBSERVATIONS	 	# <u>#</u>

ATA PROCESSIN MIMISTON ATP WEAT TEN DESVICE PHACE

STATION STATION NAME TO STATIO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

-1 200 + 1.24.C

(FROM HOURLY OBSERVATIONS)

CEA NG							· ·	ISIBILITY ST	ATUTE MILE	S						
PEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2':	≥ 2	≥11,	≥ 1%	≥ 1	≥ ¾	≥ 5 8	د خ	≥ 5:6		≥ 3
NO CEILING ≥ 20000	75.9	36.4 01.4	50.5	54.5	56.6	56.6	56.7	56.7	50.7	56.9	56.9	56.7	56.9	54.9	46.4	56.9
≥ 18000 ≥ 16000	60.9	61.8	62.1			62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.3	62.4	62.4	62.4
≥ 14000 ≥ 12000	61.7	02.6	62.6	62.8	62.9	62.7	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	1.80
≥ 10000 ≥ 9000	70.0	67.7	67.8 71.4	67.8	71.5	68.0 71.5	66.1 71.6	68.1 71.6	68.1 71.6	68.3 71.9	68.3	67.3 71.5	56.3	64.3	71.9	68.3
≥ 8000 ≥ 7000	73.9	75.7 73.8	75.8		76.0	76.0	76.1	76.1	70.1	76.4	76.6	76.6	79.8	77.8	76.6	74.5
≥ 6000 ≥ 5000	78.3	60.7	80.9 81.8	21.9	82.2	81.2	82.3	61.3	81.3	32.5	82.7	81.5	81.8	81.8	81.8	62.7
≥ 4500	11-1	82.5	82.7	83.0	83.2	83.2	83.3	84.5	83.3 86.5	84.8	83.8 85.0	83.0 85.0	83.8 <u>85.1</u>	83.8 65.1	83.8	83.4
≥ 3500	1.4	85.3	85.6	86.2	85.0	86.5	85.1		85.1	85.3	87.1	85.6 87.1	87.2	85.7	85.7 87.2	87.2
≥ 2500 ≥ 2000 ≥ 1800	8 رود و رود 9 رود	85.9 88.7 89.1	87.4 89.1	87.7 89.6 90.1	90.1 90.5	90.1 90.5	90.5	88.3 90.7	90.7 91.1	91.1	88.9 91.6 91.8	91.4 91.8	91.5	39.0 91.5 92.0	91.5	91.5
≥ 1500	7.2	49.8	90.5	91.0	91.0	91.6	92.1	92.3	92.3	92.9	93.6	93.6	93.7	93.7	93.7	99.7
≥ 1000	7.7	91.8	92.8	92.8	93.5	93.6	94.8	95.0	95.0		96.8	96.8	97.2	97.2	97.2	97.2
≥ 800	αβ.4 1.6.4	92.C	92.9	93.5	94.2	94.3	95.6	95.9	95.9	96.9	97.9	97.9	98.5	98.5	98.6	98.5
≥ 600	9.5	93.0	93.4	94.0	94.7	94.8	96.7	96.3	96.3	97.5	98.5	98.5	99.1	99.1	99.1	99.1
≥ 400	9.5	93.0		94.6		95.4		96.9	96.9	98.3	99.1	99.1	99.6	99.6	99.6	99.6
≥ 200	9.5	93.1 43.1	94.2	94.8	+	95.6	96.9	97.7	97.2	98.3	99.3	99.3		100.0		
≥ 0	9.3	93.1	94.2	94.8	95.5	95.6	96.9	97.2	97.2	98.3	99.3	99.)	100-0	100.0	100-0	100.0

TOTAL NUMBER OF OBSERVATIONS 346

TATA PROTESSIE SIMISIEN SOF ETAF SIE EAT ES TENNICE/FAC

TENNEY STANON NAME OF THE STANON NAME OF THE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 404 € ₹400

CERNO	!						V	ISIBILITY IST	ATUTE MILE	S.						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5, 16	≥ 4	≥ 0
NO CEILING ≥ 20000	7.2	55.2		58.3	58 • 3 61 • 0	58.3	58.3	58.3	50.3	58.3	58.3	58.3	56.3	57.3	56.4	54.4 61.1
≥ 18000 ≥ 16000	99.9	01.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1 61.2	61.2	61.2
≥ 14000 ≥ 12000	62.0	63.9		62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	64.2	62.5	64.5	62.4
≥ 10000 ≥ 9 000	04.8	06.0	66.2	66.2	66.2	66.2	69.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.1
≥ 8000 ≥ 7000	72.3	74.1		74.6	74.8		74.9 80.3		74.9	74.9	74.9 80.3	74.9	74.9 50.3		75 · 1	
≥ 6000 ≥ 5000	77.3	77.8			81.0 82.5		81.1		81.1 82.6	81.1	81.1 82.7	81.1 82.7	41.1 82.7	81.1 82.7	81.4	81.2 82.9
≥ 4500 ≥ 4000	79.2	61.6	82.3	82.5 84.8		83.1	83.2	- ,	83.2	83.3	83.3	83.3	83.3	- 1	83.5	83.5 85.7
≥ 3500 ≥ 3000	54.6	67.2	87.7		-	89.0	89.1	89.1	86.5	89.2	89.4	86.6	99.4	89.4	89.5	89.5
≥ 2500 ≥ 2000	3.1 -0.4	89.7	90.7	91.1	90.2	92.2	92.6		92.6	92.7	92.8	90.7	92.8			92.9
≥ 1800 ≥ 1500	7.0	91.0		92.6	93.5	93.6	9442		94.4	94.8	95.2	95.7	95.2		39.4	95.4
≥ 1200 ≥ 1000	8.5	42.€	94.0	93.7	95.7	94.9	96.5	96.7	95.7 96.7	97.0	97.5	96.5	97.5	97.5	97.0	97.8
≥ 900 ≥ 800	9.1	92.8 92.8	94.2		96.0		96.7	96.9	96.9	97.3	97.8	97.8 97.8	97.8	97.8	98.0	98.0
≥ 700 ≥ 600	9.4		94.8	95.0 95.3	96.7	96.5	97.4		97.6	98.0	98.5	98.1 98.5		98.5	98.3 98.7	98.7
≥ 500 ≥ 400	30.2		95.7	96.2	97.6	97.8	98.3	98.2	98.6	98.9	99.4	99.1	99.1	99.4	99.4	99.0
≥ 300 ≥ 200	90.5 90.5	94.2	95.7		97.0		98.3	98.6		99.1	99.5	99.4	99.6	99.6	99.9	99.9
≥ 100 ≥ 0	90.5				97.6			98.6	98.6			99.5				99.9 100.0

TOTAL NUMBER OF OBSERVATIONS BA

PATA PRUPESSING DIVISIEN SAF ETAT AIR PEATSES SELVICE/MAC

20116 FART SHITE IN STANDING AFT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- Planten

C\$ 1.740							V	SIBILITY ST.	ATUIE MILE	S.						
FFET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 :	≥ 2	≥1',	≥ 11/4	≥ 1	≥ ¾	≥ 5.8	≥ '5	≥ 5 16	> .	≥ 0
NO CEIL NG ≥ 20000	50.5	00.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.7	61.2	61.2	41.2	61.2
≥ 18000 ≥ 16000	62.5	62.6	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000 ≥ 12000	33.7	63.8	66.0	66.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	66.3	66.3
≥ 10000 ≥ 9000	67.5	67.7	68.4	68.7	68.9	68.9				68.9	68.9	68.9	68.9	68.9	71.3	65.9
≥ 8000 ≥ 7000	72.6		74.1	74.3	74.0	74.6		74.6	74.6	74,6	74.6	74.5	74.6		74.6	74.6
≥ 6000 ≥ 5000	77.7	79.8	79.7	79.9		80.5	80.5	80.5	80.5	80.5	80.5	80.5	81.3	80.5 81.3	80.5	80.5
≥ 4500 ≥ 4000	78.6 79.8	•			81.4	81.4 82.9	81.4 82.9	81.4	81.4 82.9	81.4 82.9	81.4	81.4	91.4 82.9	81.4	81.4	81.4
≥ 3500 ≥ 3000	50.3 81.9			82.7	83.5	83.5	83.5		83.5	83.5	83.5	83.5		83.5 85.5	83.5	81.5
≥ 2500 ≥ 2000	34.2	86 . 1 87 . 5		87.5 89.4	88.3		88.4	88.4		88.4	58.4	88.4	88.4	88.4	88.4	88.4
≥ 1800 ≥ 1500	6.2	1	39.4		91.1		-	91.6			91.6			1	91.8	91.8
≥ 1200 ≥ 3000	86.7		73.0	93.9	95.2	95.3		95.9		96.0		96.0	96.2		96.2	96.2
≥ 900 ≥ 800	-9.0	91.6		94.6	95.9		96.3	96.5		97.0	97.2	97.2	97.4			_ • •
≥ 700 ≥ 600	9.6		94.2	95.2	96.5	96.6				97.8	98.0	98.0	-		98.2	93.2
≥ 500 ≥ 400	40.3	92.0	94.9		97.2	97.3	97.8	98.5	98.5		99.1	99.1	99.3	99.3		99.3
≥ 300 ≥ 200	90.4		95.2	96.1		97.6	96.1	98.8		99.2	99.4	99.4	99.6	_	99.6	99.6
≥ 100 ≥ 0		93.1		96.1	97.5	97.6		99.2			99.8	1 1 1 T		100.0		1

TATA PROCESSING MIVISION USAF ETAL MIR MEATHER SE VICEMMAC

CEILING VERSUS VISIBILITY

26112 FURT STITE AFT

.. 57=66

-0001-0300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE , NG							v	ISIBILITY ST	ATUTE MILE	S					-	
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'%	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ ½	≥ 5/8	≥ %	≥ 5 16	≥ '4	≥ 0
NO CEIUNG ≥ 20000	63.5	03.8	53.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.1	64.1	04.1	64.1	64.2
≥ 18000 ≥ 16000	05.4	65.6	65.7	65.6	65.7	65.6	65.6	65.6	65.6	65.7	65.7 65.8	65.9	65.9	65.9	65.9	
≥ 14000 ≥ 12000	65.6	66.1	66.1	66.1	67.5	65.2	66.2	66.2	66.2	66.3	66.3	66.6	67.8	66.6	66.6	66.7
≥ 10000 ≥ 9000	08.6 69.5	69.0	69.0 70.0	69.0 70.0	69.4 70.3	70.3	70.3	69.4 70.3	70.3	69.5 70.4	69.5 70.4	69.7	69.7		70.6	69.8 70.8
≥ 8000 ≥ 7000	72.7	17.2	77.5	73.5 77.5	74.0 78.0	74.0 78.0	74.0 78.0	78.0	74.0	78.1	74.1 78.1	74.3 78.3	78.3	74.3 78.3	74.3	74.4
≥ 6000 ≥ 5000	77.4	B.C.B	78.7	78.7	79.1 81.5	79.1 81.5	79.1	81.5	81.5	81.6	81.6	79.5	79.5	79.5 81.8	79.5 A1.8	79.6 81.9
≥ 4500 ≥ 4000	19.9	05. 2	81.8 85.5	81.9 85.6	82.4		86.0	86.0	82.4 86.0		82.5		56.3	86.3		82.8 86.5
≥ 3500 ≥ 3000	4.4 55.2	87.0	67.7	88.0	87.1	67.1 88.4		88.4	87.1	87.2 88.5	88.5	88.7	88.7	88.7	88.7	87.5
≥ 2500 ≥ 2000	7.6		91.2	91.4	90.4			92.3		90.5	92.5	92.7		92.7	92.7	92.8
≥ 1800 ≥ 1500	90.1	91.1	94.2	94.5	93.3	93.3	95.7	95.7	95.7	96.1	93.5	96.7		96.7	93.8	96.8
≥ 1200 ≥ 1000 ≥ 900	91.2 91.2	93.7 94.5	95.6	95.2 96.0	96.5	96.5	96.8	97.6	97.6	98.2	97.5	98.7	97.7	98.7	97.7	97.8 98.8
≥ 900 ≥ 800 ≥ 700	91.3	94.7	95.8	96.2	97.4 97.5 97.6	97.4 97.5 97.6	97.7 97.8 98.0	97.8	97.8		98.7	98.9	98.8 98.9	98.9	98.9	98.9 99.0
≥ 600 ≥ 500	91.3	94.9	90.1	96.6	97.8	97.8		98.2	98.2		99.0	99.2		99.6	99.6	99.7
≥ 400 ≥ 300	91.3	94.9 95.3	96.1	96.6	97.8	- 1	98.2	98.2	98.2	98.7	99.0	99.2	99.6	99.6	99.6	99.7
≥ 200	91.3	95.3	90.5	96.9	98.2	95.2	98.5	98.5	98.5	99.0	99.4	99.6	99.9	99.9		100.0
≥ 0	11.0	95.3	- • -	96.9	98.2	98.2	98.5	96.3		99.C		99.6		99.9		

TOTAL NUMBER OF OBSERVATIONS

94

AIR FATHER SERVICEY INC.

- LINE STATE THE STATE AND THE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-9300₹9500

CEILING							v	ISIBILITY IST	ATUTE MILE	:Sı						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/5	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60 a 8	01.3	61.3	61.5	61.6			61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 18000 ≥ 16000	52.0	02.6	62.8	63.0			63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
≥ 14000 ≥ 12000	÷3.1	63.7	64.0	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
≥ 10000 ≥ 9000	66.0	67.1	67.5	67.7	67.8	67.8		68.0	68.0			68.0	68.0	68.0	68.0	68.7
≥ 8000 ≥ 7000	70.1	70.8		71.6			71.7	-	71.8	71.8	71.6	71.P	71.8	71.8	71.6	72.0
≥ 6000 ≥ 5000	73.4	74.9	75.6	76.0		76.2	76.2	76.6				76.6				
≥ 4500 ≥ 4000	76.2				79.8	79.8	79.8		90.1	80.1	80.1	80.1	50 · 1		80.1	
≥ 3500 ≥ 3000	60.2			84.3		84.9		85.3	85.3	85.3	85.3	85.3		85.3		85.5
≥ 2500 ≥ 2000	63.2 84.0	86.3	87.4	88.0	88.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
≥ 1800 ≥ 1500	34.5		89.2	90.0	91.2	91.3	91.3	91.7				91.9	91.9	91.9		92.7
≥ 1200 ≥ 1000	6.7			93.3		94.7		95,9	95.9	96.3		96.5	96.5	96.5	96.3	
≥ 900 ≥ 800	F7.2		93.0	94.1	95.6	95.7		97.0		97.4		97.5				97.7
≥ 700 ≥ 600	58.0 88.1		94.2	95.3	96.8			98.2		98.6	98.8		98.9	98.9	98.9	99.1
≥ 500 ≥ 400	28.1	92.5	94.4	95.5	97.0		98.0	98.4	98.4	98.8	99.0	99.1	99.5	99.5	99.5	99.7
≥ 300 ≥ 200	88.3 8.3	92.8		95.8	97.3	97.4	98.3	98.7	98.7	99.1	99.4		99.8		99.8	100.0
≥ 100 ≥ 0		92.8	94.7	95.8	97.3				98.7	99.1					99.8	

TOTAL NUMBER OF OBSERVATIONS

SATA PRICESSING DIVISION SAF ETAG AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26102 FULT SAITH MET STANDARDT 57866

VE VE

HAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0488#9800

CE: NG	! !						٧	ISIBILITY ST	ATUTE MILE	is)					-	
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥ 1%	≥ 1%	≥ :	≥ ¾	≥ 5/8	≥ 1/4	≥ 5,16	≥ %	≥ 0
NO CELING ≥ 20000	2.2	52.2	52.2	52.2	52.3	52.3 54.1	52.3	52.3 54.1	52.3	52.3 54.1	52.3	52.3	52.4	52.4	52.4	52.7
≥ 18000 ≥ 16000	4 · 1	54.1 54.5	54.2	54.2 54.6	54.3 54.7	54.3	54.3 54.7	54.3 54.7	54.3	54.3	54.3 54.7	54.3	54.4	54.4 54.8	54.4 54.8	54.7
≥ 14000 ≥ 12000	55.1	55.1 56.7	55.2 56.8	55.2	55.3	55.3 56.9	55.3 56.9	55.3 56.9	55.3 56.9	55.3 56.9	55.3	55.1	55.4 57.0	55.4 57.6	55.4	57.3
≥ 10000 ≥ 9000	59.d	62.9	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	63.5	60.9	60.9	61.2
≥ 8000 ≥ 7000	70.8	67.7	68.3	64.4 72.7	68.6 73.1	68.6 73.1	68.6 73.1	68.7 73.3	68.7 73.3	68.7	68.7 73.4	68.7 73.6	68.8	68.8 73.5	68.8	73.9
≥ 6000 ≥ 5000	71.0	72.4	72.9	73.2	73.7 76.3	73.7	73.7	73.9	73.9 76.6	73.9	74.0	74.0 76.7	74.1 76.8	74.1 76.8	74.1 76.8	74.4
≥ 4500 ≥ 4000	74.4	75.9 78.7	76.5 79.2	76.8 79.6	77.2	77.2	77.2 80.0	77.4 80.2	77.4 80.2	77.4 80.2	77.5 80.3	77.5 80.3	77.6 80.6	77.6 80.4	77.6	78.c
≥ 3500 ≥ 3000	78.0 79.6	79.9	80.4	80.8	81.2	81.2 83.5	81.2	81.4 84.0	81.4	81.4 84.0	84.1	81.5	81.6	81.6	84.2	84.5
≥ 2500 ≥ 2000	12.2	85.1 85.6	85.7 86.3	86.2	87.0	87.0	87.3	87.6	87.6	87.7	88.0	88.0	90.1	88.2 90.1	88.2	90.4
≥ 1800 ≥ 1500	82.8 84.4	87.4	86.6	87.2	90.5	90.6	89.0 91.2	89.5 91.6	91.6	92.0	90 • 1 92 • 7	90.1	90.3	90.3	90.3	90.6
≥ 1200 ≥ 1000	86.0	69.5 89.7	90.4	91.8	93.5	93.7	94.7	94.9	94.9	95.6	96.2	96.2 96.6	96.7	96.7	96.7	97.0
≥ 900	6.6	89.7 90.1	90.6	92.0	94.4	94.0	94.8	95.4	95.4	96.6	96.7	96.7	97.7	97.2	97.2	97.5
≥ 700 ≥ 600 ≥ 500	27.0 27.6	90.5 91.0	92.0	93.1	94.9	95.1	96.0	96.6 97.0	96.6	97.2	97.8	98.0	98.5 98.9	98.5	98.5	98.8
≥ 400 ≥ 300	78.0 78.0	91.2 91.5	92.6	93.8 94.1	95.6 95.9	95.7 96.0 96.0	96.7 97.0 97.0	97.2 97.5 97.5	97.2 97.5	97.8 98.2 98.2	98.6 98.9	98.7 99.0	99.2 99.6 99.6	99.2 99.6 99.6	99.2 99.6 99.6	99.6 99.9 99.9
≥ 200	#8.0	91.5	92.6	94.1	95.9	96.0	97.0		97.5	98.2	98.9	99.0	99.6	99.6	99.6	99.9
<u> </u>	P 6 . O	91.5	92.0		95.9	96.0		- 1		98.2	98.9	99.0	•	99.7		100.0

TOTAL NUMBER OF OBSERVATIONS....

93

MATA PROCESSING DEVISION USAF ETAD ALE SENTER SERVICE/PAC

FIRST SMITTE STANDEN NAME AND T

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0900 -1400

CERING							VI	SIBILITY (STA	ATUTE MILE	Sı						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ ¼	≥ 0
NO CEILING ≥ 20000	96.6	56.7	56.7	56.7	56.8	56.8 60.3	56.8	56, F	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9 60.4
≥ 18000 ≥ 16000	00.1	60.5	60.5	60.6	60.6	60.6	60.6	8.00	60.8	60.6	60.8	60.3	60.8	60.8	60.8	60.8
≥ 14000 ≥ 12000	61.2	01.6	61.6	61.7	61.5	61.3	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000 ≥ 9000	65.6	66.0 69.1	66.0	66.5	66.6	68.8	66.7 68.8	66.7	66.7	66.7	66.8	66.P	66.8	66.8	66.8	66.8
≥ 8000 ≥ 7000	70.6	71.3	71.3	72.0	72.2	72.3	72.3	72.3 75.8	72.3 75.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4 76.0
≥ 6000 ≥ 5000	74.0 75.8	74.8 76.9	74.8	75.8 77.8	76 · 1	76.3 78.4	76.5	76.5 78.6	76.5	76.7 78.9	76.8	70.0	76.8	76.8	76.8	76.7
≥ 4500 ≥ 4000	76.2 78.2	77.5 80.0	77.5 80.0	78.5	78.8	79.0	79.1 82.0	79.2 82.2	79.2	79.6 82.5	79.7	79.7 82.6	79.7	79.7 82.6	79.7	79.7 82.6
≥ 3500 ≥ 3000	79.2	81.1 83.9	81.2	82.4	83.2	83.4	83.5	83.7	83.7	84.0	84.1	94.1 87.4	97.4	87.4	87.4	84.1
≥ 2500 ≥ 2000	62.7 2.5	85.4 86.6	85.7 85.9	87.0	89.9	88.6 90.2	90.4	90.9	90.9	91.3	89.6	91.4	91.7	89.7	91.9	91.9
≥ 1800 ≥ 1500	13.6	87.0 87.7	88.1	88.7	90.3 21.5	90.6	90.9	91.3	91.3	91.7	92.0	92.0	92.2	92.3	92.4	94.0
≥ 1200 ≥ 1000	85.4 85.5	88.6	89.0	91.2	93.5	93.2	94.5	95.6	95.6	95.5	95.8	95.8	96.0 96.8	96.9		96.3 97.1
≥ 900 ≥ 800	65.5	48.9	89.6	91.6	94.1	94.2	94.9	96.0	96.0	97.1	97.0 97.4	97.0	97.6	97.7	98.0	98.0 98.3
≥ 700 ≥ 600	63.6	89.2		92.2	94.3	94.6	95.4	96.9	96.6	97.7	97.7 98.2 99.2	98.2	98.0 96.4	98.9	98.7	98.7
≥ 500 ≥ 400	76.3	90.3	90.9	92.9	95.5	95.9	96.7 96.7 96.7	97.8 97.8	97.8 97.8	98.8 98.8	99.2	99.2	99.6	99.7		100.0
≥ 300 ≥ 200	°6.3		90.9	92.9	95.5	95.9 95.9	96.7	97.8	97.8	98.8	99.2	99.2	99.6	99.7	100.0	100.0
≥ 100 ≥ 0	06.3	90.3		92.9		95.9		97.8		95.8	99.2	99.2	99.6	1	100.0	

TOTAL NUMBER OF OBSERVATIONS ___

"ATA PROCESSING DIVISION ALE PEAT LE SET VICE PAC

CEILING VERSUS VISIBILITY

FIRT SMITH NET STATIONALE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-120471A00

: : : CEILING	1						v	ISIBILITY (ST	ATUTE MILI	ES)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ '4	≥ 0
NO CEILING ≥ 20000	01.1 54.9	01.1	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000 ≥ 16000	65.1	65.1	65.1	65.3	65.4	65.6	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000 ≥ 12000	^7.2 68.6	07.2	67.2	68.8	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000 ≥ 9000	70.4	70.5	70.5	70.8	70.9	70.9	71.0 71.8	71.0 71.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000 ≥ 7000	73.2	73.5 75.7	73.7	74.1	74.5	74.7	74.8	74.9	74.9	75.1	75.1 77.7	75.1	75.1	75.1 77.7	75.1	75.1
≥ 6000 ≥ 5000	76.1 77.7	76.5 78.1	76.8	77.3	77.8	78 . 1 79 . 8	78.5	78.6	78.6	78.7	78.7 80.5	78.7 80.5	78.7	78.7	78.7	78.7
≥ 4500 ≥ 4000	78.2	78.5	78.9 81.0	79.5	80.0	80.2	80.6	80.9 83.1	80.9	81.0	81.0	81.0	81.0	81.0	81.0 93.2	81.0
≥ 3500 ≥ 3000	#0.6	81.5 84.3	81.9	82.7	83.2	83.5	84.0	84.2	84.2	84.3	84.3	84.3	84.3 88.2	84.3 88.2	84.3	84.3
≥ 2500 ≥ 2000	44.9	86.1 88.1	87.0	88.0	88.7 91.1	89.1	91.9	89,9 92.3	89.9	90.2	90.3	90.3	90.6	90.6	90.0	90.6
≥ 1800 ≥ 1500	87.3	91.1	89.9 91.9	91.0	92.2	92.6	93.0	93.3	93.3	93.8	93.9	93.9	94.2	94.2	94.2	94.2
≥ 1200 ≥ 1000	49.8 90.1	91.9	92.8	94.2	95.6	96.0	90.5	96.8	96.8	97.3	97.4	97.4	98.0	98.0 98.8	98.1	98.1 98.9
≥ 900 ≥ 800	90.2	92.7	93.5	95.1	96.6	97.0	97.8	97.8	97.8	98.4	98.6	98.6	99.1	99.1	99.2	99.2
≥ 700 ≥ 600	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.1	99.1	99.7	99.7	99.8	99.8
≥ 500 ≥ 400	90.3	92.8	90.0	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100 • 0 100 • 0	100.0
≥ 300 ≥ 200	90.3	92.8	93.8	95.3	97.1	97.5 97.5	98.0	98.4	98.4	96.9	99.2	99.2	99.8	99.8	100.0	100.0
≥ 100 ≥ 0	90.3	92.8 92.8	1	95.5	97.1	97.5 97.3	98.0	98.4	98.4 96.4	98.9	99.2	99.2	99.8		100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

MATA PROCESSING DIVISION ISAF ETAC FIR FEAT ER GENVICEZMAC

FLAT SALTE AND TOTAL ACT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 ml.700

CEILING							VI	SIBILITY ISTA	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	6.00 5.40	60 A	60.8	60.8	60.8	60.8	60.8	8.00	60.8	60.8	60.8	60.P	40.8 66.7	60.8	60.8	60.8
≥ 18000 ≥ 16000	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.4	66.5	66.5	67.1	66.9
≥ 14000 ≥ 12000	68.2	68,3	68.3	68.3	69.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	69.5	68.3	69.5
≥ 10000 ≥ 9000	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7
≥ 8000 ≥ 7000	74.6	75.9	76.0	76.1 78.9	76.3	76.3	76.3	76.3 79.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3 79.2	76,3
≥ 6000 ≥ 5000	78.7	79.9	80.0	80.2	80.5	80.5	B0.5	80.5	80.5	80.5	80.5	80,5	80.5	80.5		80.9
≥ 4500 ≥ 4000	*0.1	61.3 83.6	81.5 83.7	81.7 83.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500 ≥ 3000	P3.5	85.2 87.7	85.5	85.7 88.7	86.C	86.1	80.1	86.1	86.1	86.1	86.1	86 • 1	56.2 89.7	86.2	86.2 89.7	86.2
≥ 2500 ≥ 2000	27.6	89.8 91.9	90.4	96.8		91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.0	91.8
≥ 1800 ≥ 1500	90.3	94.1	94.9	93.7	94.4	94.5	94.8	94.9	94.9	95.1	95.2	95.7	95.4	95.5	95.5	95.9
≥ 1200 ≥ 1000	94.3	94.7	95.6	95.9		97.1	97.6	97.7	97.7	98.1	98.5	98.3	98.5 98.6	98.7	98.8	98.8
≥ 900 ≥ 800	92.3	94.9	95.8 95.8	96.1 96.1	97.3	97.4	98.0	98.2	98.2	95.6	98.4	98.8	99.2	99.6	99.7	99.7
≥ 700 ≥ 600	92.3	94.9	95.8	96.1 96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.8	98.8	99.2	99.6	99.7	99.7
≥ 500 ≥ 400	92.3	94.9	95.8 95.8	96.1	97.3	97.4	98.0	98.2	98.2	98,6	98.9	98.9	99.5	99.5	99.9	99.9
≥ 300 ≥ 200	92.3	94.9		96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9			100.0	
≥ 100 ≥ 0	92.3			96.1 96.1	97.3	97.4	98.0		98.2	98.6	98.9	98.9			100.0	

TOTAL NUMBER OF OBSERVATIONS

940

1

"ATA PROCESSING DIVISION SAF ETAC SIR REATIEM SERVICE/MAC

CEILING VERSUS VISIBILITY

20112 FURT SMITH NOT UST APT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-149072000

CEILING							v	ISIBILITY IST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 11/4	≥)	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.2	59.6 62.5	59.6	59.6	59.6	59.6	59.6	59.6 62.5	59.6	59.6 62.5	59.6	59.6	59.6	59.6 62.5	59.6	59.6
≥ 18000 ≥ 16000	62.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0	63.6	62.6	63.0	62.6	63.6
≥ 14000 ≥ 12000	64.5	64.8	64.8	64.8	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000 ≥ 9000	72.0	69.5 72.6	69.5	69.5 72.9	69.5	69.5 72.9	69.5	69.5	69.5 72.9	69.5 72.9	69.5 72.9	72.9	69.5	69.5 72.9	72.9	69.5 72.9
≥ 8000 ≥ 7000	75.1 77.6	75.7 79.5	75.9 79.9	76.0	76 · 1	76.1 80.1	76.2 80.3	76.2 50.3	76.2	76.2 80.3	76.2	75.2	76.2	76.2 80.4	76.2 80.4	76.2 80.4
≥ 6000 ≥ 5000	78.9	87.5	81.0	82.4	81.2	81.2	81.4	81.4	81.4 82.7	81.4	81.5	81.5	81.5 82.8	81.5 82.8	81.5	81.5
≥ 4500 ≥ 4000	90.1 52.8	81.9 84.6	82.4	82.5	82.6 83.4	82.6	82.8	82.8	82.8	85.9	82.9	82.9	82.9	82.9 86.0	92.9	82.9
≥ 3500 ≥ 3000	84.5 86.6	66.8 89.0	87.2	87.4	87.5 90.1	87.5 90.1	88.0 90.5	88.0	88.0 90.5	88.1 90.9	88.2	91.1	91.1	88.2 91.1	91.1	88.2 91.1
≥ 2500 ≥ 2000	57.5 59.8	90.2 92.8	93.4	91.0 93.7	91.3	91.3	91.7	91.7	91.7	92.0	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800 ≥ 1500	90.3	92.6	93.4	93.7	94.1	94.1	94.5	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200 ≥ 1000	91.4	95.1	95.3	95.6	96.8	96.2	96.9 97.4	96.9	90.9	97.3 98.0	98.4	97.7	97.7	97.7 98.6	97.7	97.7
≥ 900 ≥ 800	91.7	95.1 95.1	95.7 95.7	96.0 96.0	96.8	96.8 96.8	97.4 97.4	97.4	97.4	98.1 98.1	98.5	98.5	98.7	98.8	98.8	98.8 98.8
≥ 700 ≥ 600	91.7	95.1 95.1	95.7 95.7	96.0	96.6	96.8	97.4 97.4	97.4	97.4	98.1 98.1	98.9	98.9	99.1	99.7	99.2	99.2
≥ 500 ≥ 400	91.7	95.1 95.1	95.7	96.0	96.8	96.8 96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.8	99.8	99.9
≥ 300 ≥ 200	71.7	95.1 95.1	95.7	96.0	96.8	96.8	97.4 97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.9	100.0	اتمووا
≥ 100 ≥ 0	91.7	95.1 93.1	95.7	96.0	96.8	96.8 96.8			97.4	98.1	99.0	99.0	99.8		100.0	

TOTAL NUMBER OF OBSERVATIONS

PATA PROCESSING DIVISION SAF ETAC MIR MENTHER SERVICE/MAC

CEILING VERSUS VISIBILITY

-26102 First SHITE BUT STANDARME APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100 m 2.300

CEILING							v	ISIBILITY ST	ATUTE MILE	Sı .	· · · -					
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000 ≥ 16000	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000 ≥ 12000	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000 ≥ 9000	71.3 72.3	71.6	71.0	71.6	71.8	71.8	71.8	71.8	71.8 72.8	71.8	71.8	71.F	71.8	71.8 72.8	71.8	71.9
≥ 8000 ≥ 7000	76.U	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.3	76.8	76.8	76.8	76.8
≥ 6000 ≥ 5000	79.8	81.2 83.5	81.4	81.4	81.7	81.7	81.8	81.9	81.9	82.2	82.2	82.7	42.2	82.2	92.2	82.2
≥ 4500 ≥ 4000	52.7	84.2	84.4	84.4	84.7	84.7	84.8	84.9	84.9	85.2	65.2	85.2	45.2 87.5	85.2	85.2	85.2
≥ 3500 ≥ 3000	70.1	88.4 89.8	88.6	88.7	90.5	89.0	89.1	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	87.5
≥ 2500 ≥ 2000	88.5 90.2	90.9	91.2	91.4	92.0	92.0	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800 ≥ 1500	91.2	93.8	94.1	94.3	94.9	94.9	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200 ≥ 1000	91.0	99.2	95.6	95.9	96.8	96.8	97.6	98.0	98.0	98.5	98.8	98.8	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	91.9	95.5 95.5	96.0	96.3	97.2	97.2	98.1	98.4	98	9	99.2	99.2	99.5	99.5	99.5	99.5
≥ 700 ≟ 600	91.9	95.5	96.0	96.3	97.2	97.2	98.1	98	98.5	97.0	79.2	99.2	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	91.9 92.0	95.6	96.1	96.5	97.3	97.3	98.2	98.5	98.5	99.0	99.4	99.4	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	92.2	95.9	96.5	96.8	97.6	97.6	98.5	98.8	98.8	99.4	99.7	99.7		100.0 100.0		
≥ 100 ≥ 0	92.2	97.9 95.9	96.5	96.8 96.8	97.6	97.6	98.5	98.8 98.8	98.8	99.4	99.7	99.7		100.0		

TOTAL NUMBER OF OBSERVATIONS

PATA PROCESSIE OLVISION ISAF ETAC EIR FAT ER SERVICEZAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELING							٧	ISIBILITY IST	ATUTE MILE	S 1						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	75.0	66.0	66.1	66.1	66-1	66.1	60.1	66.1	66.1	66.1	66.1	66 - 1	66.1	66.1	66.1	66.1
≥ 18000 ≥ 16000	06.1	66.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000 ≥ 12000	6.6 67.1	66.7	66.8	66.8	66.8	60.8	66.8	66.8	66.8	66.8	66.8	66 · 8	66.8	66.8	66.8	66.8
≥ 10000 ≥ 9000	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000 ≥ 7000	74.4 79.7	74.7	74.8 80.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.7
≥ 6000 ≥ 5000	50.4 53.9	80.8	80.9	81.0	81.0	81.0	81.0	81.0	61.0 83.7	81.0 83.7	81.0	61.0	81.0	81.0 83.7	81.0	81.7
≥ 4500 ≥ 4000	85.3	64.3 86.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	34.6 86.4	84.6 86.4	84.6	84.6
≥ 3500 ≥ 3000	56.1 E7.8	67.2 89.1	87.4 89.4	87.6	87.7	87.7 89.7		87.8 89.8	87.8	87.8	87.8 89.8	87.8	87.8	87.8	87.8	87.8
≥ 2500 ≥ 2000	79.8	91.1 93.0	91.4	91.7	91.8 93.8	91.8 93.9			91.9	91.9	1	91.9	91.9	91.9	91.9	
≥ 1800 ≥ 1500	71.0	93.1 94.3	93.6 94.8	95.0	95.4	94.1 95.6	95.9		94.3	96.2	96.2	94.3	94.3	94.3	96.3	94.3
≥ 1200 ≥ 1000	92.9	95.1	95.1 95.6	95.8	96.3	95.9		97.0	96.4	97.2	97.4	97.4	97.4	97.4	90.7	97.4
≥ 900 ≥ 800	93.2	95.2	96.0	96.2	96.8	96.6	97.2	97.4	97.1 97.4	97.7	97.9	97.9	97.6 97.9	97.9	97.9	97.9
≥ 700 ≥ 600	93.7	95.7	96.4	96.4	97.0 97.2	97.1	97.4	97.9	97.7 97.9	95.1	98.1	98.1 98.3	98.1	98.1	98.1	98.1
≥ 500 ≥ 400	94.4	95.9	97.1	97.3		97.3 98.1	94.4	98.7	97.9	98.1 98.9	99.1	99.1	98.3 99.1	99.1	99.1	99.1
≥ 300 ≥ 200	94.4		97.8	98.0	98.7		99.1	99.3	99.3	99.6	99.8	99.8	99.3	99.3	99.3	99.3
≥ 100 ≥ 0	94.4		- 1		98.8			79.4 99.4	99.4					100.0		

TOTAL NUMBER OF OBSERVATIONS _______

HATA POUCESSIDE MIVISION SAF ETAC SIP PEAT EN SERVICE/MAC

CEILING VERSUS VISIBILITY

STATES TO STATES AND THE STATES AND PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

A P P

-^1482705

CEILING FEET	VISIBILITY ISTATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5.8	≥ 15	≥ 5, 16	≥ ⅓	≥ 0
NO CEILING ≥ 20000	1.2.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	67.6
≥ 18000 ≥ 16000	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
≥ 14000 ≥ 12000	04.0	04.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000 ≥ 9000	57.1 68.8	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	47.4	67.4
≥ 8000 ≥ 7000	12.2	72.3	72.4				72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6		
≥ 6000 ≥ 5000	77.7	77.8		77.9	78.1	78.2	76.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
≥ 4500 ≥ 4000	80.7 82.7		81.0 83.2	81.0		61.4	81.4	81.4	81.4		81.4	81.4	81.4	81.4	81.4 81.8	81.4
≥ 3500 ≥ 3000	3.9		84.7		85.0	85.1	85.1	85.2	85.2			85.2 88.2	85.2		85.2 88.2	
≥ 2500 ≥ 2000	68.3 90.7	85.9	89.6	89.7 92.1				90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	
≥ 1800 ≥ 1500	91.1	91.7	92.4			93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.6	93.6		
≥ 1200 ≥ 1000	42.7	93.3	94.1	94.2	94.7	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 900 ≥ 800	93.3	94.1	94.9	95.0	95.4	95.6	95.9	96.4	96.4	96.6	96.7	_	96.8			96.8 96.8
≥ 700 ≥ 600	94.0	95.0	95.8	95.9	96.3	96.4	96.8	97.3			97.6	97.4	97.7 97.8			
≥ 500 ≥ 400	94.3		96.2		96.9	97.0	97.3	97.9	97.9			98.1	98.3	98.3		
≥ 300 ≥ 200	94.7		97.3		98.0	98.1	98.4			99.1	99.2	99.3	99.6	99.6	99.0	99.6
≥ 100 ≥ 0	94.7			97.9				99.3				99.8	100.0	100.0	100.0	

PATA PROCESSING DIVISION USAF ETAC GIR FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

-241-2 First SHITH DANK STAND TAME AFT 57-66

-0600+0100

PERCENTAGE FREQUENCY OF OCCURRENCE										
(FROM HOURLY OBSERVATIONS)										
·										

CEILING FEET		VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.7	55.7	55.8 58.7	55.8 56.7		55.9	55.9 58.8	55.9	55.9	55.9	55.9	55.9	5 5.9	55.9	55.9	55.9 58.8
≥ 18000 ≥ 16000	58.7	58.7		58.8		5A.9	58.9	58.9	38.9	58.9	58.9	58.9	58.9	58.9 59.1	58.9	58.9 59.1
≥ 14000 ≥ 12000	40.2	00.2		60.3		60.4	60.4	60.4	60.4	60.4	60.4	67.4	60.4	60.4	60.4	60.4
≥ 10000 ≥ 9000	63.7	03.7		63.8 65.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	03.9	63.9	63.9
≥ 8000 ≥ 7000	70.9 74.8	70.9 74.8		71.1	71.2	71.2	71.2 75.1	71.2 75.1	71.2	71.2	71.2	71.2	71.2 75.1	71.2	71.2	71.2
≥ 6000 ≥ 5000	75.0	75.0	75.2		75.4 78.2	75.4 78.2	75.4	75.4	75.4	75.4 78.3	75.4	73.4	75.4	75.4 78.3	75.4	75.4 78.3
≥ 4500 ≥ 4000	78.6	78.6 81.4	79.0	79.2	79.3 82.2	79.3 82.2	79.3	79.3 82.3	79.3 82.3	79.4 82.4	79.4	79.4	79.4 82.4	79.4 82.4	79.4 82.4	79.4 82.6
≥ 3500 ≥ 3000	33.2	83.2 86.3			84.0	84.0	84.0	84.2	84.2 87.3	84.3	84.3	84.3	84.3	84.3 87.4	84.3	84.3
≥ 2500 ≥ 2000	59.1 20.4	89.4 90.6		90.1	90.2	90.2	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 1800 ≥ 1500	90.0 91.6	90.9 92.0		91.6		91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 1200 ≥ 1000	92.4. 93.1	92.9		93.8	94.0	94.0	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 900 ≥ 800	93.4	94.0 94.7	94.4	94.9		95.3	95.8	96.0		96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 700 ≥ 600	94.1 94.1	94.8	95.2	95.7	96.1	96.1	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 500 ≥ 400	95.0			96.6		97.1	97.8	98.0	98.0 98.1	98.3	98.4	98.7	98.8	98.9		98.9
≥ 300 ≥ 200	95.4 95.2	95.9	96.3		97.3		98.1	98.7	98.7	99.0	99.1	99.5	99.4	99.6		99.6
≥ 100 ≥ 0	95.2		96.3		97.3		98.4		99.0	99.3	99.4	99.7	99.8	99.9		99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 900

TATA PROGRESSING STAINS (SAFETA) SAFETAN AIR SEATSER SESVICENAAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-028471400

18 , 563 8888		VISIBILITY STATUTE MILES:														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2':	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ .	≥ 0
NO CELNO 2:20000	15 . 4	55.4		56.4 61.6	56.4					56.4		56.4		56.4		
≥ 18000 ≥ 16000		01.6		61.6	61.6					61.6		61.5	[61.6		
≥ 14600 ≥ 12000	62.7	62.6 64.2	-, -	64.2	62.8		62.8		64.2	62.8	64.2	62.8 64.2		67.8	64.2	- 1
≥ 10000 ≥ 9000	66.1	66.2 68.4	66.2 66.4	66.7		66.2 68.4				66.2		66.7	66.2		66.2	66.2
≥ 8000 ≥ 7000	73.2	73.3	73.3		73.6					73.7			73.7	73.7		
≥ 6000 ≥ 5000	76.4	76.7	76.8 78.3	76.8 78.3	77.0					77.1		77.1				77.1
≥ 4500 ≥ 4000	78.7		79.0		79.3 81.0					79.6					79.6	
≥ 3500 ≥ 3000	0.7 02.0	90.9			81.3									61.6 83.8	81.6 83.8	
≥ 2500 ≥ 2000		84.6 87.2		84.7	85.0 87.7	85.0	85.2	85.3	85.3	85.3	55.3	85.3	65.3 88.0			
≥ 1800 ≥ 1500	16.7	88.1	86.2	88.2	90.6	88.6	8.88	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200 ≥ 1000	30.3		92.4	92.6	93.1	93.1	93.3	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.6	93.8
≥ 900 ≥ 800	72.6	•	94.8	95.1	95.7		96.1	96.6	96.6	97.0	97.1	97.1	97.2	97.6 98.3	97.0	97.6
≥ 700 ≥ 600	25.0		75.1	95.4	96.1	96.1	96.6	97.2	97.2	97.9	98.1	98.1	98.7	99.0	99.0	99.0
≥ 500 ≥ 400		95.2	95.4	95.8		96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 300 ≥ 200	2.9		95.4	95.8	96.0	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 100 ≥ 0	74.9			95.8	96.6		97.2	97.9	97.9	98.7	99.0	99.0	99.7		100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ______

ATA PROGESSIE SIVISIUM USAE LIA! SIE FAT FROSEMMIGENIAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 71400

CEI, NG	!						V	ISIBILITY (ST	ATUTE MILE	:S:		-				
; FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ '.	≥ 0
NO CEL'NG ≥ 25000	6.6	55.6	56.6	56.6	56.6	56.6 62.2	56.6 62.2	56.6	56.6	56.6 62.2	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000 ≥ 16000	02.1 52.6	02.1	62.3	62.8	62.4	62.4	62.4	62.4	62.4		62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000 ≥ 12000	63.4 55.1	63.4 05.1	65.7	03.7	63.6	63.8 65.4	63.8	63.8	63.6	65.4	63.8	65.4	63.8	63.8	63.8	63.4
≥ 10000 ≥ 9 000	06.9	06.9	67.3 69.7	67.3	69.4	67.4 69.8	69.6	67.4 49.8	67.4 69.8	69.8		67.4	67.4	67.4 69.8	65.11	67.4
≥ 8000 ≥ 7000	72.4	72.4 75.1	72.9	72.9	75.7		75.7	75.7		75.7	75.7	75.7	73.0	73.0	75.7	73.0
≥ 6000 ≥ 5000	78.0	75.9 18.1	76.3	,	,		78.9	78.7	78.9	78.9	78.3	70.0	76.4	76.4		76.4 78.9
≥ 4500 ≥ 4000 ≥ 3500	76.4	40.1	79.1 30.7	BO.B		H1.0	81.0	31. 0	81.0		81.0	81.0	79.3	مام	81.0	81.0
≥ 3000 ≥ 3000	0.6 -2.4	82.7		83.6	81.6	83.8	83.8	83.8		83.9	83.9	43.9		81.6	82.9	B1.6
≥ 200J ≥ 1800	502 37.9		89.1 89.1		89.7 89.7		89.7	69.8		89.9	90.0	90.0	90.9	96.9 96.0 96.3	90.0	86.9 90.0
≥ 1500	9.0	90.3	91.0	91.4	91.9		92.0	92.1		92.6	93.0	93.0	93.0	91.0	93.4	96.1
≥ 1000	. <u>5</u>	- 1	94.6	95.1	95.8	95.8	96.0	96.1	96.1		97.2	97.2	97.6	97.8	97.5	97.8
≥ 800		94.3	75.1	95.7	90.0		96.8	96.9	90.9	97.5	98.2	98.2	99.0		99.0	99.5
≥ 600 ≥ 500	? <u>6 . 6</u> . 9	94.3	95.2	95.8	96.7	96.8		97.1	97.1	97.8		98.4	99.1	99.4	99.4	99.4
≥ 400	13.3		95.2	95.8	96.8	96.A	97.2		97.3	98.0	98.7	98.7	99.3	99.8	99.9 100.0	100.0
≥ 200	93.3 93.3	44.3	75.2	95.8	90.8	96.A	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.8	100+0	100.0
<u> </u>	73.3	44,3	95.2	95.8	96.0	95.6	97.6	97.3	97.3	98.0	98.7	98.7	99.3	99.8	100-0	100.0

TOTAL NUMBER OF OBSERVATIONS ______

TATA PROBESSING DIVISION SAF ETAC SIR SEATIES SECVICEMAN

CEILING VERSUS VISIBILITY

TOTAL SHITE SHITE STANDER HAVE BEEN PARTY OF THE STANDER HAVE

57=6e

JONIH .

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-158671700

CE-siNG						_	٧	ISIBILITY ST	ATUTE MILI	ES.					-	
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 7	≥ 2	≥ 1.3	نا ≼	≥ 1	≥ ¾	≥ 5/8	≥ 14	≥ 5 16	≥ .	≥ 0
NO CEUNG ≥ 20000	6.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000 ≥ 16000	62.4	62.4	62.4	62.7		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.3	42.7	
≥ 14000 ≥ 12000	64.7	63.8	64.7	64.0	64.0	64.9	64.9		64.0	64.0	64.0	64.0		64.0	64.0	64.0
≥ 10000 ≥ 9000	06.7	66.7	66.7	66.3	66.9	66.9	66.9		66.9	66.9	66.9 68.3	66.9		66.9	66.9	66.9
≥ 8000 ≥ 7000	71.9	12.1	72.1	72.3	72.3	77.3	72.4		72.4 75.8	72.4	72.4	72.4 75.8	72.4	72.4	72.4	
≥ 6000 ≥ 5000	75.6	76.1	76.1	76.4		76.4	76.6	76.6	76.6	76.6	76.6	76.5	76.6	76.6 78.1	76.6	76.6
≥ 4500 ≥ 4000	77.3 79.8	75.1	78.1	1 1 7 4		78.4	78.0	78.6	78.6	73.6	78.6	78 . 6	78.6	7º .6	78.0	
≥ 3500 ≥ 3000	1.1	81.9	81.9		82.3	82.3	82.4		82.4 85.6	82.4	82.4	82.4	85.7	82.4	R2.4	82.4
≥ 2500 ≥ 2000	87.0 88.7	87.9	1	58.3 30.1	1	88.4	88.7	88.7	88.7	99.0			89.0			89.0
≥ 1800 ≥ 1500	49.9	90.9	, ,,,			91.6			91.8	92.3		92.4	92.4	92.4		92.4
≥ 1200 ≥ 1000	93.4	93.7 94.3	1	94.3	95.7	95.2 96.1	95.6			96.8		97.0	97.0	97.0	- 1	97.0 98.0
≥ 900 ≥ 800	93.0 93.6		1 _ ' - '	95.4	1				97.4	98.2	98.6	98.9	98.6			
≥ 700 ≥ 605		95.1				96.9	97.3		97.9	98.8	99.2	99.2	99.4		99.6	
≥ 500 ≥ 400	74.0		95.3				97.0	98.1	98.1 98.1	99.0	99.6	99.4			100.0	
≥ 300 ≥ 200	74.0	45.3		96.0	96.7	97.1	97.6	98.1	98.1 98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 100 ≥ 0		95.3	95.3	96.0	96.7	97.1	97.0		98.1	99.0		99.6			100.0	

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROCESSIA DIVISION USAF ETAC AIR REAT ER SERVICE/DAC

CEILING VERSUS VISIBILITY

TOTAL FIRST SINTEN NOT STANDARDE APT

A P D

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1400 m2006

CEILING							٧	ISIBILITY ST.	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5,16	≥ ¼	≥ 0
NO CE . NG ≥ 20000	56.6	35.6 00.8	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	36.7	56.7			56.7
≥ 18000 ≥ 16000	60.9	00.9		61.0		61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.0	- 0 -	1
≥ 14000 ≥ 12000	02.3	62.3	62.3	02.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000 ≥ 9000	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	69.4	67.4	67.4	67.4
≥ 8000 ≥ 7000	74.7	75.1 78.9	75.1 75.9	75.6		75.7	75.7	75.7	75.7	75.7	75.7 79.6	75.7	75.7	75.7 79.6	75.7	
≥ 6000 ≥ 5000	78.9 2.0	79.3	79.3	79.8	80.0	60.0	80.0 83.1	80.0 83.1	80.0	80.0 83.1	80.0	80.0	80.0	80.0 83.1	80.0	83.1
≥ 4500 ≥ 4000	82.9	83.3 85.0	83.3 85.0		85.7	84.0	-	85.7	84.0	85.7	84.0		84•0	84.0	83.7	85.7
≥ 3500 ≤ ≤	9.ر [م8م	86.3 88.7	56.3 88.7		•	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	89.4	87.0	89.4
≥ 2500 ≥ 2000	9.6		92.8	93.2	93.6		91.1	93.7	91.1	93.9	96.0	94.0	94.3	94.3	94.4	94.4
≥ 1800 ≥ 1500	91.7 92.4	43.5	94.1	94.5	95.1	95.1	93.9	95.4	95.4	95.9	96.0	94.3 96.0	96.3	96.3	96.4	96.4
≥ 1200 ≥ 1000	92.9	95.4	94.6	96.2	96.5	96.8	97.0	97.1	97.1	97.7	97.8	97.8	98.1	98.1	98.2	95.9
≥ 900 ≥ 800		45.8	96.1	96.6	97.1	97.1	97.3	97.4	97.4	98.0	98.1	98.2		98.9	99.0	99.0
≥ 700 ≥ 600	94.2	45,9	90.2	96.7	97.2	97.3	97.0	97.6	97.7	98.2	98.0		99.6	99.6	99.7	
≥ 500 ≥ 400	34.4	96.1	96.4	96,9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0 100.0	100.d
≥ 300 ≥ 200	94.4	46.1	90.4	96.9	97.6	97.6	97.9	98.0	98.0	95.6	98.9	98.9	99.8	99.9	100.0	100.0
≥ 100 ≥ 0	94.4			1	97.6	- 1		98.0	98.0			98.9		· .	100.0	-

JATA PROBESSING DIVISION SAF ETAC ATR VEATHER SERVICE/MAC

20102 FUET SHITE AND STATION NAME

CEILING VERSUS VISIBILITY

_ 57=66 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2186#3300

APR

CE JING	1					·	v	ISIBILITY :ST	ATUTE MILE	ES						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'⁄2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5:16	≥ %	≥ 0
NO CEILING ≥ 20000	62.7	62.F	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000 ≥ 16000	63.6	63.7	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000 ≥ 12000	:4.7	04.8	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	69.3
≥ 10000 ≥ 9000	68.3	69.4	68.8	68.9	69.0	69.0	69.0 69.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000 ≥ 7000	73.0	73.3	73.7	73.6	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000 ≥ 5000	79.2	79.8 82.3	80.3	80.6	80.7	80.7 83.2	80.7	80.7	80.7 83.2	81.0	81.0 83.6	83.6	83.6	81.0 83.6	81.0	81.0
≥ 4500 ≥ 4000	63.7	83.3	83.9		84.2	84.2 85.4	84.2	84.2 85.4	84.2	84.6 85.8	84.6	84.6	84.6	84.6 85.8	85.8	84.6
≥ 3500 ≥ 3000	64,9 57.6	85.9 88.6		86.7	86.9	86.9	86.9	86.9	86.9	90.0	87.2	90.0	87.2 90.0	87.2 90.0	87.2 90.0	87.2 90.0
≥ 2500 ≥ 2000	90.7	90.7 92.0	92.7		91.9	92.0	92.2	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800 ≥ 1500	91.1	92.4	94.0	93.7		94.1	94.4	94.7	94.7	95.1 96.2	95.1 96.2	95.1	95.1 96.3	95.1 96.3	95.1	95.1
≥ 1200 ≥ 1000	92.2	94.4			95.3	95.6	95.9		96.2	96.9	96.9 97.9			98.0		93.0
≥ 900 ≥ 800	92.7	94.4	95.6	96.1	90.4	96.3	96.8	97.6		98.0 98.4	98.0 98.6	98.0	98.8	98.2 98.6	98.2	98.8
≥ 700 ≥ 600	92.9	95.1	95.9	96.4				97.9	97.9	98.4	98.8 99.1	98.9	99.0	99.3	99.0	99.0
≥ 500 ≥ 400	73.2	95.4	96.2	96.8	97.1	97.3 97.3	97.9		98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	43.2	45.4	96.2	96.9	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8	99.E	99.8
≥ 100 ≥ 0	93.2	45.4		96.8		97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8 100.0	99.8	

900 TOTAL NUMBER OF OBSERVATIONS.....

MATA PROCESSING MIVISION SAF ETAC ALP HEATTER SELVICEYMAG

201112 Fill SALT HILT STANDAR MANE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-000000000

CEILING					<u>-</u>		v	ISIBILITY .ST	ATUTE MILE	ES;		<u>-</u>				
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ '.	≥ 0
NO CEILING ≥ 20000	13.4	03.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	03.8	43.8 44.3	61.8
≥ 18000 ≥ 16000	66.0	66.0 66.2	66.1	66.2	66.2	66.2	66.2	66.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000 ≥ 12000	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.4	67.8	07.8	67.6 69.6	67.8
≥ 10000 ≥ 9000	74.1 75.4	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4 75.7	74.4	74.4
≥ 8000 ≥ 7000	79.1	77.1	79.2	79.4	79.6	79.6 #2.0	79.6 82.0	79.6	79.6 82.0	79.7	79.7 82.2	79.7 82.2	79.7	79.7 82.2	79.7	79.7
≥ 6000 ≥ 5000	#3.3 -6.7	43.3	83.4	83.5	83.8 87.1	83.8	87.1	81.8	83.8	83.9	83.9 87.2	83.9	87.2	87.2	83.9	83.9
≥ 4500 ≥ 4000	67.6	87.6 89.6	87.7 89.7	87.8	90.0	90.0	88.1	90.0	90.0	90.1	88.2	88.2 90.1	88.2	88.2 90.1	88.2 70.1	90.1
≥ 3500 ≥ 3000	32.0	90.9	91.0 92.3	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4 92.7	91.4	_
≥ 2500 ≥ 2000	93.7	93.8 94.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3 95.8	94.3	94.3	94.3 95.8	94.3	94.3
≥ 1800 ≥ 1500	95.2 95.8	95.4 96.3	95.6	95.7	95.9	95.9	95.9	95.9 97.0	95.9	96.2	96.2	96.2	96.2	96.2 97.4	96 • Z	96.2
≥ 1200 ≥ 1000	90.6	97.3 97.4	97.7 97.8		98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.1 98.2	98.5	98.7 98.8	98.7	98.7	98,7 98.8	98.7 98.6	98.7
≥ 900 ≥ 800	96.8	97.5 97.5	98.0	98.1	96.3 98.3	98.3	98.3 98.3	98.3	98.3	98.7	98.9	98.9	98.9	98.9 98.9	98.9	98.9
≥ 700 ≥ 600	96.8	97.7	98.0	98.1	98.3	98.5	98.3 98.5	98.3	98.3	98.7	98.9	98.9	98.9	99.1	98.9	99.9
≥ 500 ≥ 400	97.2	98.0	98.4	98.5	98.7	98.7	98.7	98.7 98.7	98.7 98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300 ≥ 200	97.5	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.6	99.8			99.0		
≥ 100 ≥ 0	97.5	48.3 48.3	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.7	99.9			100.0		

TOTAL NUMBER OF OBSERVATIONS

CATA PROCESSING DIVISION SAF ETAC AIR MEATMER SERVICEMMAC

CEILING VERSUS VISIBILITY

- 26 Line - Line + Stifth to 1 State the PT 57-66

монти

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0100mp300

CEILING						· -	V	ISIBILITY (ST	ATUTE MILE	S)						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	11.4	57.6 59.9	57.8	57.8	57.8 60.1	57.8	57.8 60.1	57.8 60.1	57.8	57.8 60.1	57.5	57.8	57.B	57.8	58.V	58.0
≥ 18000 ≥ 16000	59.9	60.1	60.3	60.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3		60.3	60.6	60.4
≥ 14000 ≥ 12000	64.4	62,5	62.7	62.7	62.7	64.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
≥ 10000 ≥ 9000	68.3	68.5		68.7 71.2	68.7	68.7 71.2	68.7	68.7 71.2	60.7	68.7	68.7	68.7	68.7	68.7 71.2	71.4	68.3
≥ 8000 ≥ 7000	75.2 78.6	75.4 78.8		75.6	75.0	75.6	75.6	75.6 79.2	75.6	75.6 79.2	75.6	75.6	75.6	75.6	75.7	75.7
≥ 6000 ≥ 5000	79.7	19.9	50.3 83.5	80.3	83.7	80.3 83.7	80.3 83.7	80.3 83.7	80.3	80.3	80.3 83.7	80.3	80.3	60.3 83.7	80.4 83.8	80.4 83.8
≥ 4500 ≥ 4000	67.3	84.0 87.5		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5 88.2	84.5	84.5	84,5	84.5	84.6
≥ 3500 ≥ 3000	88.2 96.9	88.5 91.4	88.9 91.8		89.0 91.9		89.1 92.2	89.1 92.2		89.1	89.1	89.1	89.1 92.3	89.1	89.2	89.7
≥ 2500 ≥ 2000	92.0		93.0	93.1	93.1		93.3	93.3		93.3	93.4	93.4	93.4	93.4	93.2	93.5
≥ 1800 ≥ 1500	94.1	93.9 94.8	94.6 95.6					95.1 96.3		95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1200 ≥ 1000	95.1	,	96.5		96.7 97.1	96.7 97.1		97.2 97.6		97.3	- 1	97.4	97.4 98.1	97.4 98.1	97.5	97.4
≥ 900 ≥ 800	95.7 95.6	96.3	97.2		97.4	97.4	97.7	98.0 98.1		98.1	98.4	98.4	98.4	98.4	98.5	98.5
≥ 700 ≥ 600	95.8 95.8	96.5	97.3	1	97.5			98,1 98,1		98,2	98.5	98.5				
≥ 500 ≥ 400	93.8 96.1		97.3		97.5		97.8 98.2	98.1 98.5		98.2 98.6	98,5	98.5		98.5	1	98.6
≥ 300 ≥ 200	96.3	97.1 97.1	98.1 98.1	98.3			98.7 98.7						99.5		99.6	
≥ 100 ≥ 0	90.3			98.3 98.3	98.4 98.4		98.7				99.5		99.6		100.0	

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING OLVISHMA USAF ETAC AIR HEATMER SERVICEMMAC

26102 FIRT SHITE NET WAT APT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-040070800

·/ A Y

CEILING							V	ISIBILITY IST.	ATUTE MILE	(S)			•			
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21,4	≥ 2	≥ 1½	≥ 1%	ا≤	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ '4	≥ 0
NO CEILING ≥ 20000	52.9		52.9 58.0		52.9	52.9 58.0			52.9	53.0 58.1	53.0 58.1	53.0 58.1	53.1 58.2	53.1 58.2	53.1 58.4	51.1
≥ 18000 ≥ 16000	⇒8•1 58•3	58.1 58.3	58.1 58.3	58.1 58.3	58.1 58.3	58.1 58.3	58.1 58.3	58.1 58.3	58.1 58.3	58.2 58.4	58.2 58.4	58.7 58.4	58.3	58.3 58.5	58.5	58.5
≥ 14000 ≥ 12000	59.0	59.6 62.5	59.6	59.6	59.6 62.5	59.6	59.6	59.6 62.5	59.6	59.7 62.6	59.7	59.7 62.6	59.8	59.8 62.7	59.8 62.7	59.8
≥ 10000 ≥ 9000	55.7 58.5	68.5	65.7 68.5	65.7	65.7	65.7	65.7	65.7 68.5	65.7 65.5	65.6 68.6	65.8	65.2 68.6	65.9 66.7	65.9 68.7	65.9	65.9
≥ 8000 ≥ 7000	73.9	77.6	73.9	73.9	73.9	73.9	74.0	74.0	77.7	74.2 78.0	74.2	74.2	74.3 78.1	74.3 78.1	74 • 3	74.3
≥ 6000 ≥ 5000	75.3	79.3 80.8	80.8	80.8	78.3 80.8	78.3 80.8	78.4 80.9	78.4 81.0	78.4 81.0	78.6	78.6	78.6	78.7	75.7 81.4	78.7	78.7
≥ 4500 ≥ 4000	61.3	84.2	84.2	81.3	81.3	81.3	81.4	81.5	81.5	81.8	84.7	81.8	81.9	81.9	84.8	81.9
≥ 3500 ≥ 3000 ≥ 2500	58.2	65.7	85.7	85.7 88.3	85.7 88.3 88.9	85.7 85.3 88.9	85.8	85.9 88.5 89.4	85.9 88.5 89.4	86.2 88.8 89.7	86.2 88.8 89.7	86.2 88.8 89.7	88.9 89.8	86.3 88.9 89.8	88.9	86.3 88.7 89.8
≥ 2000	90.0	88.8 90.1	90.1	88.8 90.1	90.2	90.2	90.0 90.0		90.8	91.2	91.3	91.3	91.4	91.4	91.6	91.6
≥ 1500	92.8	91.9 93.0	91.9	91.9	92.5	92.5	92.9	93.0		93.5	93.7	93.7	93.8	93.8	93.8	93.E
≥ 1000	93.4	94.0	93.6		94.5	94.6	94.7			95.6	95.5	99.5	95.4	95.6	93.6	95.6
≥ 800	94.5	94.7		95.1	95.7	95.7	96.3	96.5	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1
≥ 600 ≥ 500	95.4	95.3	95.0	95.6	96.9	96.9	96.7	96.8		97.3	97.5	97.4	97.7	97.7	97.7	98.5
≥ 400	95.5	96.1 96.2	96.5			97.3		97.7		98.6	98.9	98.9	99.4	99.4	99.1	99.4
≥ 200	95.5	96.2	96.6	96.6		97.3	97.8	98.0 98.0	98.0	98.8 98.8		99.1	99.5			100.0
≥ 0	95.5	96.2	76.6	96.6	97.4	97.3	97.8	98.0	98.0	90.6	99.1	99.1	99.5	99.6	99.6	LOO-O

__ 57=66_

TOTAL NUMBER OF OBSERVATIONS

PATA PRECESSIBLE MIVISIES ATH YEAT EP SERVICE/MAC

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CEILING VERSUS VISIBILITY

- TO A MORE FRANK SHITE NET STANDA MARKADI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0900 ml.100

CEILING							v	ISIBILITY (ST	ATUTE MILE	ES)						
FEET,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ %	≥ 5/8	≥ ½	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	53.0	>3.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000 ≥ 16000	57.7	57.7 58.0	57.7	57.7 58.0	57.7 58.0	57.7	57.7 58.0	57.7 58.0	57.7	57.7	57.7	57.7	57.7 58.0	57.7	57.7	57.7
≥ 14000 ≥ 12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000 ≥ 9000	68.5	65.5 68.5	65.5 68.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000 ≥ 7000	72.9	73.0 75.2	73.0 75.2	73.0 75.2	73.0 75.2	73.0 75.2	73.0 75.2	73.0 75.2	73.0	73.0 75.2	73.0 75.2	73.0	73.0 75.2	73.0	73.0	73.d 75.2
≥ 6000 ≥ 5000	75.7	75.9 77.2	75.9	75.9 77.2	75.9	75.9 77.2	75.9 77.2	75.9	75.9	75.9	75.9	77.3	75.9 77.3	75.9	75.9	75.9
≥ 4500 ≥ 4000	78.0 80.6	78.2 80.9	78.2 80.9	78.2	78.2	78.2 81.0	78.2 81.0	78.2	78.2	78.3 81.1	78.3	78.3	78.3	78.3 81.1	76.3	78,3
≥ 3500 ≥ 3000	81.9 85.7	62.2 85.9	82.2 85.9	82.2 85.9	82.3	82.3 86.0	82.3 86.0	82.3	82.3	82.4 86.1	82.4	82.4	82.4 86.1	82.4 86.1	82.4	82.4
≥ 2500 ≥ 2000	67.8 59.7	88.1 89.9	89.9	88.2 90.0	90.2	88.4 90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	88.5 90.3	88.5	90.3
≥ 1800 ≥ 1500	90.2 51.0	90.4	90.4		90.8	90.5	90.8	90.8 92.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200 ≥ 1000	94.0		93.5	93.7	93.9	93.9	93.9	93.9	93.9	94,1	94.9	94.1	94.9	94.1	94.1	94.9
≥ 900 ≥ 800	94.6	94.8	94.8	7.48	95.5	95.5	96.5	95,5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700 ≥ 600	95.8	96.2 96.5	96.2	96.5	97.0	97.0 97.2	97.0	97.2	97.0	97.4	97.6	97.4	97.4	97.6	97.4	97.4
≥ 500 ≥ 400 ≥ 300	97.0 97.0	97.5 97.6	97.5 97.6	97.8	98.3 98.4 98.4	98.3 98.4 98.4	98.3 98.4 98.4	98.5 98.6 98.6	98.5	98.8 98.9 98.9	99.2	99.0	99.0 99.2	99.1	99.6	99.1
≥ 200	97.1	97.8 97.8	97.8	98.2	98.7	98.7	98.7	- 1	98.6 98.9	99.2	99.6	99.6	99.6	99.6	100.0	
≥ 100	97.1	97.8	97.8		98.7	98.7		98.9		99.2	99.6			100.0		

TOTAL NUMBER OF OBSERVATIONS

TATA PRINCESSING CIVISION ALR HEATTEN SE VICE/MAC

CEILING VERSUS VISIBILITY

-20102 FURT SHITE NET THE STANDS NAME _ 57=66_

-129WTLAGO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	! !						·	ISIBILITY (ST	ATUTE MILE	ES:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ '4	≥ 0
NO CEILING ≥ 20000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	45.1	49 • 1 54 • 0
≥ 18000 ≥ 16000	54.1	54.1 54.4	54.1 54.4	54.1	54.1	54.1	54.1	54.1	54.1	54 . 1	54.1	54.1	54 · 1	54.1	54.1	54.1
≥ 14000 ≥ 12000	55.1 57.1	57.1	55.1	55.1 57.1	55.1	55.1	57.1	55.1 57.1	55.1	55.1 57.1	55.1	55.1	57.1	55.1 57.1	55.1 57.1	55.1
≥ 10000 ≥ 9000	51.0 62.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000 ≥ 7000	46.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3 68.5	66.3	66.3	66.3	66.3 68.5
≥ 5000 ≥ 5000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3 74.8
≥ 4500 ≥ 4000	76.2	76.2	76.2	76.2 81.2	76.2	76.2	76.2 81.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500 ≥ 3000	73.0	87.1	87.3	83.1	83.1	63.1 67.3	83.1 87.3	83.1 87.3	83.1 87.3	83.1 87.3	83.1	83.1	83.1 87.3	83.1	83.1 87.3	83.1
≥ 2500 ≥ 2000	59.5 91.9	92.2	92.4	89.9 92.4	92.4	92.4	92.4	89.9 92.4	92.4	89,9	89.9	89.9	89.9	89.9	99.9	89.9
≥ 1800 ≥ 1500	93.0	95.2	93.4	93.4	93.4	93.5	93.5 95.1	93.5	93.5 95.1	93.5 95.1	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200 ≥ 1000	94.9 95.9	95.3 96.2	95.5 96.5	95.5 96.5	95.5	95.6	95.0	95.6	95.6	95.6 96.6	95.6	95.6	95.6 96.6	95.6	95.6 76.6	95.6
≥ 900 ≥ 800	96.0	96.9	96.6 97.1	96.6	96.6	96.7	96•7 97•4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700 ≥ 600	97.0 97.1	97.5	97.8	97.7 97.8	97.7	98.0	98.2	98.2	98.2 98.3	98.3	98.5	98.5	98.5 98.6	98.5	98.5 98.6	98.5
≥ 500 ≥ 400	97.7	98.3 98.5	98.5	98.5 98.7	98.5	95.8	99.0 99.2	99.1	99.1	99.4	99.6 99.8	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	97.7	98.5 98.5	98.7 98.7	98.7 98.7	98.7 98.7	99.0 99.0	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	97.7	98.5 98.5	98.7	98.7 98.7	98.7	99.0		99.4	99.4	99.6	99.8	99.9			100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS____

MATA PROCESSING DIVISION MIN SEAT EN SERVICEZMAC

CEILING VERSUS VISIBILITY

FLAT SELTH IN STATION NAME OF

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 <u>500 1.700</u>

CEILING							v	ISIBILITY (ST.	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.0	46.0	46.0	45.0	46.0	46.0	46.0	46.0	46.0	46.0 51.3	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000 ≥ 16000	51.7	51.7	51.7	51.7	51.7	51.7	51.7 51.9	51.7 51.9	51.7	51.7	51.7 51.9	51.7	51.7	51.7	51.7	51.7 51.9
≥ 14000 ≥ 12000	53.2	53.2	53.2	53.2 55.3	53.2	53.2	53.2	53.2 55.3	53.2	53.2	53.2	53.2	53.2 55.3	53.2	53.2	53.2
≥ 10000 ≥ 9000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7 62.2	59.7
≥ 8000 ≥ 7000	68.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 6000 ≥ 5000	70.6 75.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6 75.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500 ≥ 4000	77.3 51.9	77.3	77.3	77.3	77.3	77.3 81.9	77.3 81.9	77.3	77.3	77.3	77.3 81.9	77.3	77.3	77.3 81.9	77.3	77.3
≥ 3500 ≥ 3000	84.3	84.3 90.4	90.4	84.3	84.3	84.3	90.4	84.3 90.4	90.4	90.4	90.4	84.3	90.4	90.4	90.4	90.4
≥ 2500 ≥ 2000	92.9 95.2	92.9 95.2	92.9	92.9	93.0	93.0	93.0 95.3	93.0 95.3	93.0	93.0	93.0 95.3	93.0	93.0 95.3	93.0	93.0	95.3
≥ 1800 ≥ 1500	95.6 96.0	95.6		96.1	95.7	95.7 96.2	95.7 96.2	95.7 96.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200 ≥ 1000	90.7	96.7 97.2	90.8	96.9	97.1 97.6	97.1	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.7	97.1 97.5	97.1 97.8	97.1 97.8	97.1	97.1 97.8	97.1 97.8
≥ 900 ≥ 800	97.4 97.7	97.4 97.7	97.8	98.0	97.8	97.8	98.0	98.0 98.4	98.0	98.4	98.2 98.6	98.2 98.6	98.2	98,2	98.2	98.9
≥ 700 ≥ 600	97.8 98.1	97.8 98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98,5 98.8	99.0	98.7	98.9	98.9	99.0	99.4
≥ 500 ≥ 400	98.4 98.4			96.9	98.9	98.9	99.0	99.1	99.1	99.5	99.4	99.4	99.6	99.6		100.0
≥ 300 ≥ 200	98.6 98.6	98.7		98.9 98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9		100.0
≥ 100 ≥ 0	98.6			1	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99. 9	99.9	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

TATA PROCESSING DIVISION USAF ETAG AIR MEATHER SERVICE/MAC

20102 FIRT SHITH NET THAT ADT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

57=66

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MONTH

CEILING							٧	ISIBILITY (ST	ATUTE MILI	ES)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1 60.6	55,1	55.1	55.1	55.1	55.1	55.1
≥ 18000 ≥ 16000	51.1 51.3	01.1	61.1	61.1	61.1	61.1	61.3	61.1	61.1	61.3	61.3	61.1	61.1	61.1	61.3	61.1
≥ 14000 ≥ 12000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	64.9	62.9	62.9	62.9	62.9	62.9	64.9	62.9
≥ 10000 ≥ 9000	68.2	68.2	64.2	68.2 69.7	68.2	69.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000 ≥ 7000	74.0	74.0	77.2	74.0 77.2	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0 77.2	74.0	74.0 77.2
≥ 6000	78.9	78.9	78.9	78.9	78.9	78.9	78.9 83.3	78.9 83.3	78.9	78.9	78.9	78.7	78.9	78.9 83.3	79.9	78.7
≥ 4500 ≥ 4000	24.4 :7.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	87.7	84.4	84.4	84.4	84.4 27.7	84.4	87.7	84.4
≥ 3500 ≥ 3000 ≥ 2500	88.6 92.4	88.6 92.6		92.6	92.4	92.6	92.6	92.6	92.6	88.6 92.7	88.6 92.7	88.6 92.7	92.7	92.7	92.7	92.7
≥ 2500 ≥ 2000 ≥ 1800	95.1 95.7	95.9		95.9	95.9	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	96.3 96.7 96.8	90.6 96.9 97.0		96.9	96.6 96.9 97.0	96.6 96.9 97.0	96.6 96.9 97.0	96.6 96.9 97.0	96.6 96.9	96.7 97.0 97.1	96.7	96.7	96.7	96.7 97.0	96.7	96.7
≥ 1000	97.4 97.5	97.6			97.6 97.7	97.6	97.6	97.7 97.8	97.7	97.8 98.1	97.1 97.8	97.1 97.8 98.3	97.1 97.8	97.1 97.8 98.3	97.1	97.1 97.8 98.3
≥ 800 ≥ 700	97.7	98.0		98.0	98.3	98.3	98.2	98.3	98.3	98.5 98.7	98.7	98.7	98.7	98.7	98.3 98.7 98.9	98.7
≥ 600	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400 ≥ 300	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8		100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.2 99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100-0	100.0	100.0	100.0
≥ 0	78.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6						100.0	

TOTAL NUMBER OF OBSERVATIONS

EATA PROCESSING RIVISION (SAF ETAL PROCESSING)

CEILING VERSUS VISIBILITY

261.02 SHITE WEST SHOWN HAME

57=66 YE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100 m2300

CEILING							v	ISIBILITY IST	ATUTE MILE	ES)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	-9.2	59.4	59.4	59.4	59.4	59.4	59.4 62.9	59.4 63.9	59.4	59.4	59.4	59.4	59.4	59,4	59.4	50.4
≥ 18000 ≥ 16000	03.8 03.9	03.9	64.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9		استيما
≥ 14000 ≥ 12000	05.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4 68.6	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000 ≥ 9 000	72.0	72.2 73.5	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000 ≥ 7000	77.6		77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	79.9	79.9	79.5
≥ 6000 ≥ 5000	51.2	81.3	81.4	81.4	81.4	81.4 84.2	81.4	81.4	81.4	81.4	81.4	81.4	84.2	81.4	81.4	84.2
≥ 4500 ≥ 4000	65.2 67.7	85.4 88.0	85.5 88.1	85.5	85.6	85.6	85.6	85.6	85.6 88.2	85.6 88.2	85.6	85.6	85.6	85.6	88.2	88.2
≥ 3500 ≥ 3000	68.3 91.5	48.6 92.4	88.7 92.5	88.7 92.6		88.8	88.8	88.8 92.7	88.8	88.8	92.7		92.7	92.7	92.7	92.7
≥ 2500 ≥ 2000	92.9	93.6			1	94.2			94.2				90.0	96.0	96.0	96.0
≥ 1800 ≥ 1500	95.4		95.8 96.3			96.1	96.1 96.7	96.1	96.1 96.7	96.1	96.1	96.3		96,1 96.9	96.9	90.9
≥ 1200 ≥ 1000	96.2	97.2 97.5	97.3			97.6 98.2	97.6	97.6 98.2							98.6	98.6
≥ 900 ≥ 800	96.7 97.0	97.6 98.0	-	98.0		98.3 98.6	98.3					,	98.9	98.9	79.2	99.2
≥ 700 ≥ 600	97.3	,	95.4 98.8			98.9	98.9	98.9			100.0				1	1. *
≥ 500 ≥ 400	97.7					99,4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	97.7	1	,			99.4	99.4	99.4	99.4	99.7	100.0	100.0	100-0	100.0	100.0	
≥ 100 ≥ 0	97.7			99.0		99,4			99.4		100.0					

TOTAL NUMBER OF OBSERVATIONS

93

SATA PROCESSING DIVISION USAF ETAL ALL SEATSER SECRETARE

CEILING VERSUS VISIBILITY

- 23 TATON NAME OF THE OWNER OWNER OF THE OWNER O

37-66

-0000 ±0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIL NG			_				٧	ISIBILITY :ST	ATUTE MILE	S)	·	-				
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ ′₄	≥ 0
NO CEIUNG ≥ 20000	0.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000 ≥ 16000	61.8	01.6	61.8	61.8	61.8	8.10 61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000 ≥ 12000	55.4	02.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000 ≥ 9000	68.1	69.7	68,1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	69.1	68.1	68.1
≥ 8000 ≥ 7000	74.9 76.8	74.9 76.8	74.9	74.9 76.8		74.9 76.8	74.9 76.8	74.9 76.6	74.9	74.9	74.9	74.9	74.9	74.9 76.8	74.9	74.9
≥ 6000 ≥ 5000	78.9	78.9 43.8	78.9 83.8	76.9 83.8	76.9	78.9	78.9 83.8	78.9 83.8	78.9	78.9	78.9	79.9	78.9	78.9 83.8	78.9	78.9 83.8
≥ 4500 ≥ 4000	14.2	84.2 67.7		84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2 87.7	84.2	64.2	94.2 87.7	84.2
≥ 3500 ≥ 3000	72.2	92.3	89.4	89.4		89.4 92.3	89.4	89.4	89.4	97.4	99.4	99.4	92.3	89.4	92.4	89.4
≥ 2500 ≥ 2000	23.0 94.1	93.1 94.2	94.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800 ≥ 1500	94.1	94.2 96.6		94.2		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200 ≥ 1000	97.0					96.9	96.9		96.9	96.9		96.9	96.9		96.9	96.9
≥ 900 ≥ 800	97.3	97.9 98.1	98.0	94.1 98.3		98.4	98.6 98.8	1	98.6	98.6		98.6	98.6	98.6	98.6 98.8	98.6
≥ 700 ≥ 600	97.4		98.2	98.3	98.7 98.6	98.7	98.8 98.9	98.8 98.9	98.8	98.9		98.9	98.9		98.9 99.0	94,9
≥ 500 ≥ 400	97.8 98.1	98.6 98.9		1	99.1	99.1	99.2	99.2	99.2	99.3		99.4	99.4	. • Y		99.4
≥ 300 ≥ 200	95.2			99.2	99.7	99.7	99,8	99.7 99.8	99.7	99.8	99.9		100.0	100.C	99.9	
≥ 100 ≥ 0	98.3		99.2		11					99,9					100.0	

TOTAL NUMBER OF OBSERVATIONS 900

TATA PRINTSSIM DIVISION SAF ETA" SIR TEATUER TENTER SAC

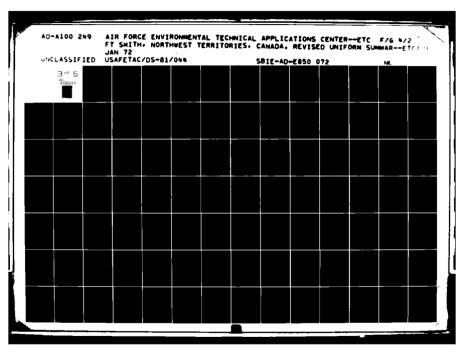
TOTAL STATE STATES TANDE STATES TO S

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-01442 20500

GLAS							٧	SIBILITY :ST	ATUTE MILE	S:						
FFET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2';	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ .	≥ 0
NO CE', NO ≥ 20000	· · · L	5/1.2 00-6		50.3		58.4	58.4 60.8	58.4	58.4		55.4	58.4 60.2	58.4 60.8	51,4		
≥ 18000 ≥ 16000		60.6 43.6	60.8		61.0	61.0		01.0	61.0	61.0	61.0	61.0	61.0	61.n	51.0	61.0
≥ 14060 ≥ 12000	61.8	01.9	61.9	62.0	62.1			62.1	62.1	62.1		62.1	62.1	52.1	62.1	[
≥ 10000 ≥ 9000		70.8			68.6 71.1	71.1	71.1	71.1	71.1	71.1	71.1	- 1	68.6 71.1	71.1	71.1	
≥ 8000 ≥ 7000	75.2 18.2	75.3 78.3				78.7	i	78.7		78.7	78.7		78.7		78.7	
≥ 6,00 ≥ 50%	0.1		84.3	84.4		84.6	84.6	84.6	84.6	84.6	84.6			84.6	84.6	
≥ 450. ≥ 4000		88.1	84.2	88.3		88.4	88.4	85,3	88.4	88.4	88.4	88.4	85.4	88.4	88.4	88.4
≥ 3500 ≥ 3000	70.0		90.9	91.0	91.1	91.1	91.1		91.1	91.1	91.1	91.1	91.1	41.1	91.1	91.1
≥ 2500 ≥ 2000	22.3	12.6		92.8	92.9		92.9		92.9	92.9	92.9		92.9	92.9	92.9	92.9
≥ 1800		94.3	94.4	96.6	93.0	94.7	94.7	94.7	94.7		94.7	94.7	24.7	94.7	74.1	94.7
≥ 1200 ≥ 1000		46.3	95.6	96.7	96.9	96.9	97.1	97.2	97.2	95.8	97.2	97.2	97.2	97.2	27.2	97.2
≥ 900		96.6	90.7	26.9	97.1	97.1	97.3	97.4	97.6		97.6	97.6	97.4	97.4	47.4	97.4
≥ 700 ≥ 600 ≥ 500		97.0	97.1	97.3		97.7	97.9	98.0	98.0	98.0 98.6	98.0	98.1	98.1	98.1	96.1	98.1
≥ 400	10.4	47.6	97.7	97.9	98.8	98.2	98.0	98.7	98.7	98.7	98.7	99.0		99.1		99.1
≥ 200	07.1	48.2	98.3	96.6	99.0	99.0	99,3	99.4	99.4	99.4	99.6	99.7	100.0	100.0	100-0	100.0
> 0	101				99.0											



ATA PRILESSIE NIVISION SAL ETA STR LEAT EN LE VICENNAC

FORT STITE ON STANDARDET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0400₹9400

CEILING							v	ISIBILITY (ST.	ATUTE MILE	(S)		•		-		
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000 ≥ 16000	01.2	01.2	61.2	61.2	61.2	61.2		61.2	61.2	61.4	61.3	61.3	61.4	61.3	61.3	61.3
≥ 14000 ≥ 12000	02.3	02.3	64.7		64.7	64.7	62.3	62.3	62.3	62.4	62.4	62.4	02.4	62.4	52.4	64.8
≥ 10000 ≥ 9000	57.1 70.4	70.4	67.1 70.4	67.1 70.4	67.1 70.4	67.1	70.4	67.1	67.1 70.4	67.2 70.6	67.2	70.6	70.6	70.7	67.3	67.3
≥ 8000 ≥ 7000	75.2 77.8	75.2 77.8	77.8	77.8	77.8	75.2	77.8	77.8	77.8	77.9	77.9	75.3 77.9	75.3	78.0	78.0	75.4
≥ 6000 ≥ 5000	50.0	62.6		87.6	82.6	42.6	62.6	,	82.6	82.7	82.7	80.1 82.7	50.1 82.7	82.8	82.8	80.2
≥ 4500 ≥ 4000 ≥ 3500	82.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	83.0
≥ 3000 ≥ 3000 ≥ 2500	55.4 27.6	87.6 87.6	85.4 87.6 89.4	67.6	87.0	87.6 87.6	87.6			85.6 87.7 89.6	87.7	85.6 87.7 89.6	87.7	85.7 87.8 89.7		84.7 87.8 89.7
≥ 2000 ≥ 1800	90.2 90.4	40.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	20.6	90.6
≥ 1500	92.6	92.7		92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 1000	94.7	94.8	94.8	94.8	94.8	94.8	94.9	95.1 95.2	95.1	95.2	95.3	95.4		95.4	95.6	95.6
≥ 800 ≥ 700 ≥ 600	95.7	95.6 95.8					_		96.7			96.9		96.4		97.0
≥ 600 ≥ 500 ≥ 400	95.7 26.0	96.4	90.8		96.7	97.8	98.1	98.3	98.3	98.6	98.8	•	98.8	99.0	99.0	99.0
≥ 300 ≥ 200	96.9	• •	97.7	98.3	98.7		99.0	99.2	99.2	99.4		99.7	99.7	99.9	99.9	99.9
≥ 100 ≥ 0	97.0 97.0 97.0	97.4	97.8	98.4		98.8		99.3	99.3	99.6	99.8	99.8	99.8	100.0	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION WSAF ETAG AIR MEATHER SEMVICE/MAC

CEILING VERSUS VISIBILITY

26112 FIRT SMITH INSTANTANT 37866

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0486#1106

CEILING					•			ISIBILITY IST	ATUTE MILE	ES:						
FFET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5,16	≥ '•	≥ 0
NO CEILING ≥ 20000	1.8	51.8 58.7	51.8 58.7	51.8 58.7	51.8	51.8	51.8 58.7	51.8	51.8	51.8	51.8	51.3 88.7	51.8	51.8	51.8 38.7	51.5
≥ 18000 ≥ 16000	59.8 59.1	58.8 59.1	58.8	58.8 59.1	58.8	58.8	58.8	58.8 59.1	58.8 59.1	58.8 59.1	58.8	58.8 59.1	58.8 59.1	58.8 39.1	58.8	58.8 59.1
≥ 14000 ≥ 12000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000 ≥ 9000	63.9	63.9	63.9	63.9	63.9	63.7	63.9	63.9 65.8	63.9	63.9 65.8	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000 ≥ 7000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	7C - 3	70.3
≥ 6000 ≥ 5000	72.8	72.8	72.8	72.8 75.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.3	72.8	72.8	72.6	72.8 75.6
≥ 4500 ≥ 4000	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8	76.2 78.8
≥ 3500 ≥ 3000	*****	80.4	80.4	80.4 84.7	80.4 84.7	BO . 4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4 84.7	80.4
≥ 2500 ≥ 2000	50.0 69.7	86.7 89.8	86.7 89.8	86.7 89.8	86.7	86.7 89.8	86.7 89.8	86.7	86.7	86.7	86.7 89.8	86.7	89.8	86.7	89.8	86.7
≥ 1800 ≥ 1500	90.4 92.8	90.6 92.9	90.6 92.9	90.6	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.5	90.6
≥ 1200 ≥ 1000	93.7	93.8 95.4	93.8 95.4	93.8 95.4	93.8	93.8	93.8 95.4	93.8 95.4	93.8 95.4	93.8	93.8 95.6	93.4	93.8 95.6	93.8	93.8 95.6	93.8
≥ 900 ≥ 800	95.3	96.2	96.2	96.2	96.2	96.2	96.3	96.3 97.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700 ≥ 600	96.7	97.7	97.8		97.8	97.6	97.9	98.0 98.9	98.0 98.9	98.2	98,2 99,1	98.2	98.2	98.2	98.2	98.2
≥ 500 ≥ 400	97.3	94.8	98.9		99.1	99.1	99.2	99.6	99.6	99.8	99.8	99.8		99.6	99.8	99.8
≥ 300 ≥ 200	97.3	9 B	98.9		99.3	99,3	99.4	99,8 99,8	99.8	100.0			100.0			
≥ 100 ≥ 0	97.3	98.8 98.8	98.9 94.9	99.0	99.3	99.3	99.4	99.8		100.0 100.0						

TOTAL NUMBER OF OBSERVATIONS

SATA PROCESSING DIVISION ATH FEAT ER SERVICE/MAC

FIRT SHITE SHITE AND THE ART

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 m 1400

CEIUNG								ISIBILITY (ST	ATUTE MILE	ESI				_		
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/5	≥ 1¼	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.3	40.3	40.3	40.3	40.3	40.3	40.j	40.3	40.3	40.3	40.3	40.3	40.3	40.3	4c.3	40.3
≥ 18000 ≥ 16000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000 ≥ 12000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 10000 ≥ 9000	53.8	53.6 56.1	53.8	53.8	53.0	53.8	53.8 56.1	53.8 56.1	53.8	53.8 56.1	53.8	53.8	53.8	53.8	53.8 56.1	-
≥ 8000 ≥ 7000	58.3	>5.3	58.3	58.3		58.3 60.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 6000 ≥ 5000	63.7	63,7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63,7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500 ≥ 4000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500 ≥ 3000	61.7 86.1	#1.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	91.7 86.1	81.7	81.7	86.1	81.7
≥ 2500 ≥ 2000	59.2 91.1	89.2 91.2	89.2	89.2		89.2	59.2	89.2	89.2	89.2	89.2 91.2	89.2	89.2	89.2	F9.2	87.2
≥ 1800 ≥ 1500	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200 ≥ 1000	95.0	95.2	95.2 96.0	95.3 96.1	95.6	95.7	95.7 96.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900 ≥ 800	96.6	96.8 97.9		96.9 78.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700 ≥ 600	97.4	98.3 98.9		98.8 99.3		99.1 99.7	99.1 99.7	99.1 99.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1 99.7	99.1
≥ 500 ≥ 400	96.1 98.1	99.0	99.3	99.4		99.9	99,9							100.0		
≥ 300 ≥ 200	98.1	99.0	99.3	99.4	99.7		99.9	100.0	100-0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.1 98.1	99.C		99.4 99.4	99.7	99,9								100.0		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $^{FORM}_{JUL,4} = 0.14.5$ (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PROCESSING DIVISION USAF ETAC AIM SEATHER DEMVICE/MAC

CEILING VERSUS VISIBILITY

20 THAT SMITH NOT WIT PT 57-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1500 ml 300

CEILING							v	ISIBILITY (ST.	ATUTE MILE	(S)						
FEET:	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000 ≥ 16000	51.9	51.9 51.9	51.9 51.9	51.9 51.9	51.9	51.9	51.9 51.9	51.9	51.9	51.9	51.9 51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000 ≥ 12000	53.4	33.4	53.4 57.0	53.4 57.0	53.4	53.4	53.4 57.0	53.4 57.0	53.4	53.4 57.0	53.4	53.4	53.4	53.4	57.0	57.0
≥ 10000 ≥ 9000	60.2	00.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2 63.7	60.2	60.2	60.2	60.2
≥ 8000 ≥ 7000	56.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	68.4	66.6	66.6	66.6	66.6
≥ 6000 ≥ 5000	70.0 76.8	70.8	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4500 ≥ 4000	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7 84.8	79.7
≥ 3500 ≥ 3000	06.0	87.0 89.2	87.0	87.0 89.2	87.0	87.0 89.2	87.0	87.0 89.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0 89.2	87.0
≥ 2500 ≥ 2000	90.h	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800 ≥ 1500	72.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200 ≥ 1000	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3 97.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900 ≥ 800	97.0 97.6	97.4 98.2	97.7	97.7	97.7	97.7	97.7	97.7 98.6	97.7	97.7 98.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700 ≥ 600	98.0 98.6	98.4	94.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.7	98.9	98.9
≥ 500 ≥ 400	98.7	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8 100.0	99.8	99.8	99.8 150.0	99.8	99.8
≥ 300 ≥ 200	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	95.7	99.1 99.1	99.6	99.6		99.9	99,9	99.9	99.9		100.0		100.0		100.0	

TOTAL NUMBER OF	OBSERVATIONS	900
COIAL NUMBER OF	ORZEKA WILOMS	

ATA PROCESSING DIVISION USAL ETAL CLR REALTER SERVICE/MAC

THE TOTAL APT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 a00 e 24 a0

CEILING								ISIBILITY (ST	ATUTE MILE	:S }						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1½	≥ 1%	≥1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	19.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2 57.4	49.2 57.4	49.2
≥ 18000 ≥ 16000	57.6	57.6 57.7	57.6 57.7	57.6 57.7	57.6 57.7	57.6 57.7	57.6	57.6 57.7	57.6	57.6	57.6 57.7	57.6	57.6 57.7	57.A	57.6 57.7	57.6 57.7
≥ 14000 ≥ 12000	59.2	59.2	59.2	59.2 62.7	59.2	59.2	59.2	59.2	59.2	59.2 62.7	59.2	59.2	59.2	57.7	59 . 2 62 . 7	59.2
≥ 10000 ≥ 9000	72.0	68.8 72.1	68.8	68.8	68.8	68.8 72.1	72.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8 72.1
≥ 8000 ≥ 7000	76.7 76.9	76.8	76.8 79.0	76.8	76.8	76.8	76.8	76.8 79.0	76.8	76.8	76.8 79.0	76.9 79.0	76.8	76.8		76.8
≥ 6000 ≥ 5000	50.6	85.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7 85.4	80.7	80.7
≥ 4500 ≥ 4000	97.3 90.3	87.4 90.4	87.4	87.4	90.4	90.4	90.4	87.4 90.4	87.4 90.4	87.4 90.4	90.4	87.4 90.4	87.4	87.4 90.4	87.4	90.6
≥ 3500 ≥ 3000	90.9	91.0 93.6	91.0 93.6	93.6	93.6	91.0	91.0 93.0	91.0	91.0	93.6	91.0	91.0	93.6	93.6	93.6	91.0 93.6
≥ 2500 ≥ 2000	94.3				96.0		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.0	94.4
≥ 1800 ≥ 1500	95.9	96.6	96.6	96.6	96.6	96.6	96.0	96.0	96.6	96.6	96.6	96.6	96.0	96.0	96.6	96.6
≥ 1200 ≥ 1000	96.8		97.9		98.1	97.1 98.1	97 • 1 98 • 1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1
≥ 900 ≥ 800	98.6	98.7	98.8	98.9	99.0	99.0	98.6 99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.4
≥ 700 ≥ 600	98.9	99.1	99.2	99.2 99.3	99.0	99.4	99.4	99.4	99.6	99.4	99.4	99.4	99.4	99.4		99.4
≥ 500 ≥ 400	99.0	99.3	99.7	99.8			100.0				99.7	100.0			100.0	
≥ 300 ≥ 200	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.0 99.0										100.0					

900 TOTAL NUMBER OF OBSERVATIONS.....

NATA PROCESSIME DIVISION SAF ETAC AIP MEAT EN SENVICE/MAC

-26102 FIRE SKITH WAT STANDING AFT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100 m2300

CEILING							· ·	ISIBILITY IST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	-9.7	59.7	59.7	59.7	59.7	59.7	59.7 62.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000 ≥ 16000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000 ≥ 12000	64.1	64.1	64.1	66.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000 ≥ 9000	71.4	71.4 73.8	71.4	71.4	71.4	71.4	71.4	71.4 73.8	71.4 73.6	71.4 73.8	71.4 73.8	71.4 73.8	71.4 73.8	71.4 73.8	71.4	71.4
≥ 8000 ≥ 7000	78.3	78.3	78.3 80.8	78.3 80.8	76.3 80.8	78.3 80.8	78.3 80.8	76.3	78.3	78.3	78.3 80.8	78.3 80.8	78.3 80.8	78.3 80.8	78.3	78.3 80.8
≥ 6000 ≥ 5000	82.7	82.7 87.7	82.7	82.7	87.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	87.7	82.7	87.7
≥ 4500 ≥ 4000	58.9 91.7	H8.9	88.9	88.9	88.9 91.7	68.9	88.9	88.9	88.9	88.9 91.7	88.9	88.9	88.9	88.9	88.9 91.7	88.9
≥ 31.00 ≥ 30.70	91.9	91.9 93.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500 ≥ 2000	94.1 95.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1 95.9	94.1	94.1	94.1	94.1
≥ 1800 ≥ 1500	95.9 26.6	95.9 96.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200 ≥ 1000	97.1	97.4	97.4	97.4 98.1	97 · 6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6 98.3	97.6	97.6	97.4
≥ 900 ≥ 800	67.4 97.7	97.9 98.1	98.0	98.1	98.3 98.6	98.3 98.6	98.3	98.3	98.3	98.3	98.3 98.6	98.3	98.3	98.3 98.6	98.3 98.6	98.3
≥ 700 ≥ 600	97.8 97.8	98.3	98.4	98.6 98.6	98.8	98.8	98.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8 98.9	98.8	98.8
≥ 500 ≥ 400	98.0	99.7 99.1	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4
≥ 300 ≥ 200	90.3	99.2 99.2	99.6	99.7	99.9	100.0 100.0	100.0		100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0
≥ 100 ≥ 0	96.3	99.2	99.0	99.7	99.9	100.0		100.0		100.0			100.0		100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS...

"ATA PROCESSING DIVISION USAF ETAC AIR MEATHER SELVICE/MAC 2

CEILING VERSUS VISIBILITY

26107 FILET SHITTH CITET APT 37=66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-008979700

CEILING	<u> </u>						v	ISIBILITY IST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	∋9.9	00.0	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
≥ 18000 ≥ 16000	03.0	63.1	63.1	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	
≥ 14000 ≥ 12000	63.6	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 10000 ≥ 9 000	70.2	70.3	70.3	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.5	70.8	70.8	70.8	
≥ 8000 ≥ 7000	75.9	74.0	76.0	76.0	76.2	76.2	76.3	76.3 78.7	76.3 78.7	76.3	76.3 78.7	76.3	76.5	76.5 78.8	76.5 78.8	
≥ 6000 ≥ 5000	79.6	80.0	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 4500 ≥ 4000	33.5	84.0 87.1	84.0 87.1	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 3500 ≥ 3000	67.3 58.7	87.7	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88 . 2 89 . 4	88.3	88.3	88.3	88.3
≥ 2500 ≥ 2000	92.4	91.0 92.8	91.0 92.6	92.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	93.2
≥ 1800 ≥ 1500	72.7	94.0	93.1		93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 1200	94.3	95.9	75.1 96.0		95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7 96.7	95.7	95.7	95.7
≥ 900 ≥ 800	95.6 96.1	96.3 97.1 97.1	96.5 97.2 97.2	96.6	96.9	96.9	97.0	97.0	97.7	97.0 97.7	97.0 97.7	97.0	97.1	97.1	97.1	97.1 97.8
≥ 700 ≥ 600 ≥ 500	96.2	47.2	97.3	97.3 97.4 98.1	97.8 98.0 98.7	97.8	98.0 98.1	98.0	98.0	98.0	98.0 98.1	98.0	98.1	98.1 98.2	98.1	98.1 98.2
≥ 400	90.5	95.1	98.2	98.3	99.6	98.7 99.0	99.1	98.8 99.1	98.8	98.8 99.1 99.9	98.8 99.1 99.9	99.1	98.9	98.9 99.2	96.9	99.2
≥ 200	90.8	98.7	98.9	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100-0	100.0	100.0	100.0
≥ 0	95.6	98.7	98.9	99.0	11111	99.4	99.9	99.9	99.9	99.9	99.9			100.0		

TOTAL NUMBER OF OBSERVATIONS 930

FATA PRUCESSING DIVISION SAF ETAL AIR FAT LR SE VILE/MAC

F. ... 3 11 Tis best STANON NAME

CEILING YERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-^200 x 95 0 C

CEILING							V	ISIBILITY (ST	ATUTE MILE	s						
FEET.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5, 16	≥ %	≥ 0
NO CEILING ≥ 20000	54.9	55.4	55.5	55.5 58.9	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.2
≥ 18000 ≥ 16000	28.4 58.5	54.8 58.9	59.0 59.1	59.0	59.4	59.4	59.4 59.5	59.4	59.4	59.6	59.0 59.7	59.6	19.6	59.6	59.7	59,9
≥ 14000 ≥ 12000	39.4	59.8	60.0	60.0	60.3	67.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.9
≥ 10000 ≥ 9000	65.8 09.2	66.3	66.6	70.1	66.9	66.9 70.4	66.9 70.4	66.9	70.4	67.1	67.1	67.1	67.1	67.1	67.2	67.4
≥ 8000 ≥ 7000	14.5 16.9	75.2 77.6	75.4	75.4 77.8	75.7 78.2	75.7	75.7 78.2	75.7 78.2	75.7	76.0 78.5	76.0	76.0	76.0 78.5	76.0 78.5	76.1	76.5 78.9
≥ 6000 ≥ 5000	77.8	79.C	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	80.U	80.3
≥ 4500 ≥ 4000	80.4	81.6	81.8 84.2	81.8	82.2	82.2	82.2	82.2	82.2	82.6	82.0 84.9	82.6	82.6 84.9	82.6	82.7	83.0
≥ 3500 ≥ 3000	1.3.2	84.4 86.7	84.6	84.6 86.9	85.1	85.1	85.1	85.1 87.3	85.1	85.5 87.7	85.5 87.7	85.5	85.5		85.0	85.9
≥ 2500 ≥ 2000	47.6	88.8 90.8				89.5 91.4	89.5 91.4	89.5 91.4	89.5	90.0	90.0	90.0	90.0		90.1	90.5
≥ 1800 ≥ 1500	90.0 90.6		91.4 92.0			91.8	91.8	91.8	91.8	92.4	92.4	92.4	92.4		92.5	92.9
≥ 1200 ≥ 1000	92.3	92.5	92.7	92.7 93.8	93.2	93.2	93.2	93.2	93.2	93.8	93.8	93.9 95.1	93.9 95.1	93.9	94.0	94.4
≥ 900 ≥ 800	92.9	94.1	94.4	94.4		95.1 95.5	95.1 95.5	95.1 95.5	95.1	95.6 96.0	95.6		95.7	95.7	95.5	96.2
≥ 700 ≥ 600	93.4	94.7	95.1 95.3	95.1 95.3	95.7	95.7	95.7	95.7	95.7	96.2	96.2	96.3	96.3		96.5	96.7
≥ 500 ≥ 400	94.5	96.0			1	97.1	97.2 97.4	97.2 97.4	97.2	97.7 98.0	97.7	97.8	97.8 98.1	97.8	98.0	98.4
≥ 300 ≥ 200	94.5	96.6		97.0	97.8	97.8		98.3	98.3	98.8	98.8	98.9	98.9		99.1	99.7
≥ 100 ≥ 0	94.5					97.8		98.3	98.3 98.3	98.8 98.8	98.8 98.8	98.9	98.9	98.9	99.1	99.A

TOTAL NUMBER OF OBSERVATIONS

PATA PROCESSING DIVISION SAF ETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20102 FIRT SMITH MAT MAN START 57-66

7=66 YE

HTHOM:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-049279400

CEILING	!			-			٧	ISIBILITY (ST	ATUTE MILE	ES)			-			
+FET-	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'1	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ %	≥ 0
NO CEILING ≥ 20000	54.3	54,6 50.2	54.6 58.2	54.6 68.2	54.9 84.5	54.9	54.9 58.5	54.9 58.5	54.9	55.1 58.6	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000 ≥ 16000	58.2 58.4	58.5 58.7	58.5 58.7	58.5 58.7	58.8 59.0	58.8 59.0	58.8	58.8 59.0	58.8	58.9 59.1	58.9 59.1	59.1	58.9 59.1	58.9	58.9	58.9 59.1
≥ 14000 ≥ 12000	59.1	59.5	59.5	59.5	59.8	59.8	59.8	59.8 63.9	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000 ≥ 9000	68.4	68.9	68.9	68.9 71.5	69.2	69.2	69.2 71.6	69.7	69.2	69.4	69.4	71.9	69.4	69.4	69.4	69.4
≥ 8000 ≥ 7000	76.3 79.0	76.9 79.6	76.9 79.6	76.9 79.7	77.2	77.2	77.3	77.3	77.3 80.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000 ≥ 5000	50.5	81.1	81.1	81.2 H2.7	81.5	81.5	81.0	51.6 83.1	81.6	81.7	81.7	81.7	81.7	61.7	81.7	81.7
≥ 4500 ≥ 4000	12.6	83.1 85.1	83.1 85.1	83.2	83.5	83.5	83.7 85.6	83.7	83.7	83.8	83.8	83.8	63.8 65.7	83.8 85.7	83.8	83.8
≥ 3500 ≥ 3000	64.7	85.3	85.3	85.4	85.7	85.7 87.1	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500 ≥ 2000	67.7 89.0	88.4 89.7	88.4	88.5	88.8	88.8	98.9	88.9 90.2	88.9	89.0	89.0	89.0	89.0	89.0	89.0 90.3	89.0
≥ 1800 ≥ 1500	90.3	89.9 91.5	99.9	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200 ≥ 1000	72.Z	94.1	92.8	92.9	93.2 94.5	93.2 94.5	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900 ≥ 800	93.7	94.5	94.5 94.8	94.6	94.9 95.3	94.9	95.1 95.4	95.1	95.1 95.4	95.2 95.5	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700 ≥ 600	94.1 94.7	95.1 95.8			95.6	95.6	95.7 96.7	95.7 96.7	95.7 96.7	95.8	95.8	95.8	95.8 96.8	95.8 96.8	95.8	95.8
≥ 500 ≥ 400	95.7	97.4	97.6	97.3 98.0	98.4	97.7 98.4	98.0	98.0	98.0	98.1 98.7	98.1 98.7	98.1	98 · 1	97.1 98.8	98.1	98.1 98.8
≥ 300 ≥ 200	96.2	47.7	98.1	98.5 98.5	98.9	98.9 98.9	99.4	99.4	99.4		99.5	99.4	99.7	_	99.8 100.0	
≥ 100	90.2	97.7 97.7	98.1 98.1	98.5	98.9	98.9 98.9	99.4 99.4	99.5	99.5	99.6	99.6	99.6	99.8		100.0	

TOTAL NUMBER OF OBSERVATIONS _______910

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

e . ..

CATA PRINCESSEN. DIVISION CAP ETAL ALP REATHER SERVICE/CAC

-Zelling Fritt sitt The interstation of the State of the

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-09000 1100

CEILING							V	ISIBILITY -ST	ATUTE MILE	S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 11/4	≥ ;	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.0	50.2	50.3	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 18000 ≥ 16000	54.4	54.6	54.8	55.1 55.1	55.4	55.4	55.4 55.5	55.4 55.5	55.4 55.5	55.4	55.4	55.4	55.4	55.4 55.5	55.4	55.4 55.5
≥ 14000 ≥ 12000	55.0	55.0 58.8	56.2	56.5	50.8	50.8	56.8 59.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8 59.6	56.8	56.8
≥ 10000 ≥ 9000	3.5	63.6	64.0	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5 67.8	64.5	64.5
≥ 8000 ≥ 7000	69.8	70.2	70.4	70.6	71.0	71.0	71.0		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000 ≥ 5000	72.0	73.0 74.8	73.2	73.4	73.8	73.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8 75.6
≥ 4500 ≥ 4000	74.7	75.2	75.4	75.6	75.9	75.9 78.0	75.9	75.9 78.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500 ≥ 3000	78.1	73.5	78.7	78,9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500 ≥ 2000	02.8	#3.2 #7.6	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800 ≥ 1500	47.7	88.2 90.1	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200 ≥ 1000	91.4	92.0 93.8	72.3	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900 ≥ 800	94.3	95.2	95.6		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700 ≥ 600	95.3	96.3	90.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500 ≥ 400	96.6	97.8 97.8	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	90.6	97.8 97.8	98.5	96.8	99.2	99.5	99.6	99.9	99.9	99.9	100.0		100.0	1	100.0	100.0
≥ 100 ≥ 0	96.6	97.8	98.5	98.8	99.2	99.5	99.6	99.9	99.9	99.9		- • • • • •	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ______

TATA PRODUSSE - STVISTON LSAF STAC MIR SEAT EN SESVICEZMAC

Trans SALTE LATER STANGE TANGE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200m1400

CE , 146							٧	ISIBILITY ST	ATUTE MILE	: 5						
FFET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ 5/8	צ' ≤	≥ 5,16	≥ ',	≥ 0
NO CERNO ≥ 20000	~1.9 49.1	41.9	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42,4		42.4	42.4	42.4		47.4
≥ 18000 ≥ 16000	49.5	49.5		49.8	49.9	49.9	49.9	49.9 50.3	49.9	49.9 50.3	49.9	49.9	49.9		49.9	49.9 50.3
≥ 14000 ≥ 12000	1.0	51.0 54.3	51.2	51.3 54.6	51.4	51.4 54.7	51.4	51.4	51.4	51.4 54.7	51.4	51.4	51.4	51.4 54.7	51.4	54.7
≥ 10000 ≥ 9000	7.8 59.2	57.8	58.1 59.9	58.2		58.3	58.3 60.1	58.3	58.3 60.1	58.3 60.1	58.3 60.1	50.3	50.3	50.3	58.3	511.1
≥ 8000 ≥ 7000	63.1	03.4		64.9	65.1	65.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1 65.1	64.1	64.1
≥ 6000 ≥ 5000	9.4	65.4			66.0 70.5	46.0	66.0 70.5	66.0 70.5	70.5	66.0		66.0	66.0	66.0		70.5
≥ 4500 ≥ 4000	71.4 79.2	71.7 72.6		72.3 80.1	72.6	80.4	80.4	80.4	72.6 80.4	72.6	72.6	72.6	72.6		72.6	72.6
≥ 3500 ≥ 3000	~1.5 F5.7	80.0	86.5	82.4 86.6	82.7 86.9	82.7			82.7 86.9	82.7 86.9	82.7 86.9	82.7 86.9	82.7		82.7 86.9	82.7
≥ 2500 ≥ 2000	96.9	47.6 41.2	91.0	91.7	92.0	92.0	92.0	32.0	88.7	88.7 92.0	92.0			92.0	92.0	92.0
≥ 1800 ≥ 1500	91.5 93.2	91.6	94.1	92.4	94.5	94.5	94.5	94.5	92.7	92.7 94.5	94.5	92.7	94.5	94.5	92.7	92.7
≥ 1200	75.9 96.7	97.2	77.5	97.7		97.3 98.1	98.1	98.1	97.3	97.3	97.3	98.1	97.3	98.1	98.1	98.1
≥ 900 ≥ 800	97.2 97.2	95.0	94.4	98.5	98.7 98.8	98.8		98.8	98.8	98.7 98.8	98.8	98.7	98.7 98.8	98.8	98.8	98.0
≥ 700	97.7		90.8	98.9	99.2	99.2	99.1		99.1	99.1		99.1		99.1	99.1	99.1
· ≥ 500 ≥ 400	98.4	99.0	99.5					99.8		99, A		99.H			99.9	
≥ 300	98.4	99.1		99.7	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.4	99.1 99.1	99.6	1	100 • 0									_	100.0	- 1

TOTAL NUMBER OF OBSERVATIONS 9

CATA PROFESSIO CIVISITA SAF ETA

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-+ 200 - 1,700

CE JAG						-	v	ISIBILITY ST	ATUTE MILE	:s				-		
FEFT	≥ 10	≥ 6	≳ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 58	≥ %	≥ 5 16	≥ . 4	≥ 0
NC CEUNG ≥ 20000	6 2.7	42.t	43.1	43.1	43.1 50.5	43.1	43.1 50.5	43.1	43.1 50.5	43.1 50.5	43.1	43.1	43.1	63.1 50.5	43.1	43.1
≥ 18000 ≥ 16000	70.0	>0.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5 51.1	50.5	50.9
≥ 14000 ≥ 12000	11.4	52.0 54.9	52.4	52.4 55.4	52.5 55.4	52.5 55.4	52.5 55.4	52.5 55.4	52.5 55.4	52.5 55.4	52.5 55.4	52.5 55.4	52.5 55.4	57.5 55.4	52.5	57.5 55.4
≥ 10000 ≥ 9 000	59,5	59.7 60.8	60.0 61.1	61.1	61.2	60.1 61.2	61.2	60.1	60.1	60.1 61.2	60.1	60.1	61.2	60,1	^c·1	60.1
≥ 8000 ≥ 7000	67.4	07.8			68.3	65.6 68.3	68.3	65.6			فعظك	65.6	65.6 66.3	67.6	66.3	65.6
≥ 6000	13.7	14.3	74.0	74.6	74.9	74.9	74.9	69.4 74.9	69.4 74.9	69.4 75.1	69.4 75.1	59.4 75.1	75.1	75.1	75.1	75.1
≥ 4500 ≥ 4000 ≥ 3500	70.2	75.7 #3.2	83.5	83.5	83.9	77.3	77.3 83.9	77.3 83.9	83.9	77.4 84.0	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	5.6 68.2	8B.6		88.9	89.2	86.7 89.2 91.7	86.7 89.2 91.7	86.7 89.2 91.7	86.7 89.2 91.7			80.9 89.4 91.8	86.8 89.4 91.8	56.8 89.4 91.8	86.8 89.4 91.0	89.4
≥ 2000	93.3	43.4	93.8	93.5 94.1	94.1	94.1	94.1	94.4	94.1	94.2	94.2	94.5	96.2	94.5	94.2	94.5
≥ 1500	94.0		95.5	95.5	95.8	95.8 97.1	95.8			95.9 97.2	95.9	95.9		95.9	95.9	95.0
≥ 1000	70.9	97.6 97.8	98.0	98.0	98.	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	96.4	98.6
≥ 800	97.5	48.2	90.5	98.5		98.8	98.5	98.8		98.9	98.9	98.9	96.9		99.0	98.9
≥ 600	26.4				99.4	99.4					99.5	99.5	99.5		99.5	99.5
≥ 400	90.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.4	99.1	99.5	99.5	99.8	99.8	99.5	99.8	99.8	100.0 100.0	100.0 100.0	100.0	100 .0 100 .0	100.0	100.0	00.0
2 0	98.4	49.1	99,5	99.5	99.0	99.8	99,8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS 93C

TATA PROCESSING MIVISION (SAF ETAC AIR REATHER SERVICE/MAC

FIRST SHITTED STATES

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 4Q4 m 3 A O A

CE UNG							v	SIBILITY ST	ATUIE MILE	ES						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′,	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 5 8	≥ %	≥ 5/16	≥ ''2	≥ 0
NO CERING ≥ 20000	. J. C	51.3	51.3 58.5	51.3 58.5	51.3 58.5	51.3	51.3 58.5	51.3 58.5	51.3 58.5	51.3 58.5	51.3 58.5	51.3 58.5	51.3	51.3 58.5	51,3 58.5	51.3 58.5
≥ 18000 ≥ 16000	-7.8 -7.8	58.6 58.6	56.6	58.8	58.9	58.9 58.9	58.9	58.9 58.7	58.9	58.9 56.9	58.9 58.9	58.9	58.9	58.9 58.9	58.9	58.9
≥ 14000 ≥ 12000	59.1 41.9	59.9 62.7	59.9	60.1	60 . Z	60.2	63.0			63.0	60.2	60.2	60.2	60.2 63.0	63.0	63.0
≥ 10000 ≥ 9000	68.5	69.6	67.6	67.8 69.5	69.6	68.0	69.0	69.6	68.0	68.0	68.0	69.0	69.6	68.0	69.6	68.0
≥ 8000 ≥ 7000	77.2	78.4	75.4 78.0	75.6 78.2	75.7 78.3	75,7 76.3	75.7 28.3	75.7 78.3	75.7 78.3	75.7 78.3	75.7 78.3	75.7	75.7	75.7 78.3	75.7	75.7 78.3
≥ 6000 ≥ 5000	78.0	19.5	79.5 84.1	79.7	79.8	79.H	79.8 85.1	79.8 85.1	79.8 85.1	85.1	79.6 85.1	79.8 85.1	79.8	79.8 85.1	79.0 85.1	85.1
≥ 4500 ≥ 4000	5.7	86.7	86.7	89.5	87.0	87.0 89.6	87.0	87.0	89.6	89.6	87.0 89.6	89.6	87.0 89.6	87.0 89.6	89.6	87.0 89.6
≥ 3500 ≥ 3000 ≥ 2500	9.0	90.5	90.5 41.0	90.8	90.9	90.9	92.2	90.9		92.2	90.9 92.2	90.9	90.9	92.2	90.9	90.9
≥ 2000 ≥ 2000 ≥ 1800	94.3	93.5 95.3 95.5	93.5 95.3 95.5	45.5	93.9 95.6 95.8	93.9 95.6 95.8	93.9 95.6 95.8			93.9 95.6 95.8	93.9 95.6 95.8	91.9 95.6 95.8	93.9 95.6 95.8	93.9 95.6 95.8	93.9	93.9 95.6 95.8
≥ 1500	94.5 95.2 95.8	96.8	96.1 90.8	96.3	90.5	96.5 97.1	96.3	96.5 97.1	96.5 97.1	96.5	96.5	96.5 97.1	96.5 97.1	96.5 97.1	96.5	96.5
≥ 1000	96.6	97.5 97.5	97.5	97.7 97.7	97.0	97.8	97.8		97.8	97.8	97.8 97.6	97.8	97.8	97.8 97.8	97.8	97.8 97.8
≥ 800	97.1	98.1 98.2	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.4	98.4	98.4	98.6	98.4
≥ 600	96.0	98.4	98.4	98.6	98.7	98.7		98.7		98.7	98.7 99.7		98.7	98.7		98.7
≥ 400 ≥ 300	98.2	99.5	99.5	99.7	99,6	99 B	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.2	99.5		99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.2	99.5	99.5	99.7	99.8									100.0		

TOTAL NUMBER OF OBSERVATIONS 93

CATA PROJESSING DIVISION SAF ETAC AIR (EATHER GE) VICE/MAC

CEILING VERSUS VISIBILITY

- 2 mines First and I'm hart statement of

>7-66-----

-7100 m 2.300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

cr. ∿G							v	ISIBILITY :ST	ATUTE MILE	(S)						
FEET i	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5 16	≥ %	≥ 0
NO CEIL-NG ≥ 20000	34.6	35.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.4	55.3	55.3	55.3	55.7
≥ 18000 ≥ 16000	00.1	00.4		00.4	60.5	00.5	60.8	~ ~ ~ ~	60.8	60.8	60.8	50.8	60.8	60.8	- 4, 4 4	67.8
≥ 14000 ≥ 12000	1.6	02.2	62.2	62.2	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000 ≥ 9000	57.3	67.6	67.6	67.6	67.7	67.7	68.0		68.0	68.0	66.0	68.0	68.0	68.0		68.0
≥ 8000 ≥ 7000	75.2 76.4	75.5	75.5	75.5 76.7	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8		75.8	75.A
≥ 6000 ≥ 5000	78.2	78.8	78.0			78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500 ≥ 4000	19.8 Sp. 7	84.4	84.4	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500 ≥ 3000	48.1	8.8	88.8		89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500 ≥ 2000	94.0	92.0	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800 ≥ 1500	94.0	93.9		94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200 ≥ 1000	94.6	95.5	95.5	95.7	95.8	95.8	96.0		96.0	96.0	96.0	96.0	96.0 96.8	96.0	96.0	96.0
≥ 900 ≥ 800	95.7	96.6	96.6		96.9	96.9	97.1	97.1	97.1 98.1	97.1	97.1	97.1	97.1	97.1		97.1
≥ 700 ≥ 600	96.5	97.5		97.7 98.1	97.8	97.8		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500 ≥ 400	97.1	98.7	98.7	99.0	99.2		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.4
≥ 300 ≥ 200	97.3	98.9		99.2	99.7	99.7	109.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.3	49,9	94.9	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC $^{\text{FORM}}_{\text{JUL 64}} = 0.14.5$ (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING DIVISION SAF ETAL ATH FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

- CANCE FIRT SITTLE BAT DOT APT 57-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0000 ±9200

CELLING	·					•	VI	SIBILITY (ST	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 215	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/3	≥ 5,16	≥ %	≥ 0
NO CEIUNG ≥ 20000	66.5	05.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	67.0	67.7
≥ 18000 ≥ 16000	7.0 67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 14000 ≥ 12000	17.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.2	68.2 70.0	68.2	68.2	68.2 70.0	68.3	68.3
≥ 10000 ≥ 9000	73.1 75.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5 75.5	73.7	73.7
≥ 8000 ≥ 7000	79.4	79.5	79.5 83.0	79.5 83.0	79.5	79.5 83.0	79.5	79.5 83.0	79.5	79.9	79.9	79.9	79.9 83.4	79.9	80.U	80.0 83.5
≥ 6000 ≥ 5000	6.4 8.05	84.5 87.0	87.0	84.5	84.5	84.5	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	85.1	85.1 87.5
≥ 45GJ ≥ 400↑	17.4	87.6 89.1	89.1	89.1	87.6	87.6	87.6	87.6 89.1	87.6	88.1	88.1	88.1	88.1 89.6	88.1	88.2	89.7
≥ 3500	19.5	91.6	91.8	91.8		89.8 91.8		91.8	89.8 91.8	92.3	90.2	90.2	90.2	92.3	92.4	
≥ 2500 ≥ 2000	73.0 96.6	43.3 44.9	94.9	94.9	94.9	93.3	94.9	93.3	93.3	93.8	95.4	93.8 95.4	93.8	93.8	93.9	95.5
≥ 1800	94.5	95.5	95.5	95.1	95.1 95.5	95.1 95.5	95.1	95.1 95.5	95.1 95.5	95.5		95.5	95.9	95.5	95.6	96.0
≥ 1200	94.9 °2.4	95.6 95.0	96.0	96.0		96.0	95.6	96.0	95.6 96.0	96.5	96.5	96.0	96.0	96.5	96.1	
≥ 900 ≥ 800	95.8		20.7	96.5			96.5	96.7	96.5	96.9	96,9 97.1	96.9	97.1	97.1	97.2	97.2
≥ 700 ≥ 600 ≥ 500	97.1 97.1	96.8 97.7	97.7	97.7	97.7	97.7	96.8	96.8	96.8	98.2	98.2	97.2 98.2	98.2	97.2 98.2	98.4	96.3
≥ 500 ≥ 400 ≥ 300	78.3	98.9 98.9		98.9			98.6 98.9 98.9	98,9	98.6 98.9 98.9	99.4 99.4	99.4	99.4	99.0 99.4	99.0 99.4	99.1 99.5	99.5
≥ 200	98.3	98.9	98.9		99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	98,3	98.9	1		99.0	99.0	99. i	99.1	99.1	99.6	99.6	99.6	99.9		100.0	1

TOTAL NUMBER OF OBSERVATIONS

SATA PROCESSING SIVESION USAF ETAG AIR SEATHER SESTILE/MAC

CEILING VERSUS VISIBILITY

FULL SALTE MET STAMON NAME APT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0100 -0400

CE .: NG							v	ISIBILITY (ST	ATUTE MILE	S:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2';	≥ 2	≥ 1'5	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ %	≥ 5 16	≥ %	≥ 0
NO CEILING ≥ 20000	6.8	57.8	58 • 1 59 • 8	58.4	58.4	58.4	58.4	58.4 60.1	58.4	58.5	58.6	55.0	56.9	59.9	59.5	59.7
≥ 18000 ≥ 16000	58.7 59.0	59.8	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.8	60.5	60.7	60.9	61.0	61.0	61.7
≥ 14000 ≥ 12000	60.1	01.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.7	61.9	62.3	62.4	62.9	63.1
≥ 10000 ≥ 9000	09.5	67.8	68.3	68.6	68.6	68.6 71.3	68 · 6 71 · 3	68.6 71.3	71.3	68.8 71.5	68.9 71.6	71.0	69.2 71.9	69.4 72.0	72.0	70.1
≥ 8000 ≥ 7000	74.6 78.3	75.9	76.3 79.8	76.7	76.7	76.7 80.1	76.7 80.1	76.7 30.1	76.7	76.9	77.0 80.4	77. 1 40.4	77.3 80.8	77.4 80.9	78.0 81.4	78.2 81.0
≥ 6000 ≥ 5000	01.9	#3.0	81.6	81.9	81.9	81.9 83.8	81.9 Ba.#	41.9 43.8	81.9 83.8	82.2	42.3 86.2	82.3	F2.6	82.7	73.c	83.4
≥ 4500 ≥ 4000	82.7 84.1	63.8	84.2	84.5	84.5	84.5	84.5	85.9	84.5 85.9	84.7	86.3	84.7	86.7	86.8	87.3	86.1
≥ 3500 ≥ 3000	26.3	47.5	86.0	86.3 88.3	86.5	48.4	88.5	86.5	86.5	88.6	86.9	86.9	87.2	87.3	89.4	
≥ 2500 ≥ 2000	18.5		90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.9	91.1	91.1	91.4	91.5 93.6		97.3
≥ 1800	9.9 90.0	91.3 92.0		92.0	92.2	92.2	92.2	92.2	92.2	92.4	92.6	92.5	92.9	93.0	94.3	94.5
≥ 1200 ≥ 1000	91.1 91.9	92.6 93.4	93.9	94.2	93.4	94.3	94.3	94.3	94.3	93.7	93.9	93.9	94.2	95.2	95.7	95.1 95.3
≥ 900 ≥ 800	92.5	94.0 94.6	94.4	94.7	94.9	94.6	94.8	94.9	94.8	95.1 95.2	95.3	95.3	95.6	95.7 95.8	96.2	96.5
≥ 700 ≥ 600 ≥ 500	93.1	94.9	95.4	95.4 95.7	95.5	95.5 95.6	95.5	95.5	95.5	95.7	95.9	95.9	96.2	96.3	97.4	97.1
≥ 400	74.2	96.0	96.5 96.5	95.9	96.7 97.0 97.2	96.7 97.0 97.2		97.0		96.9 97.2 97.4	97.4 97.6	97.1 97.4 97.7	97.4 97.7 98.1	97.5 97.8 98.2	98.5	98.7
≥ 200	34.2	96.0		97.0	97.3	97.3	97.3	97.3 97.3	97.3	97.3	97.7		98.3	98.3 94.4	94.9	99.1
≥ 0	7402	95.0		97.0		97.3	_	- 1	1	97.5	97.7	97.8	98.5	4.89		00.0

TOTAL NUMBER OF OBSERVATIONS

PATA PRUCESSING DIVISION ALR CEATIFR DE VICEY 'AC

- STANDA FIRT STITE HE STANDA MAME A DT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0400π9∂00

CEILING							v	ISIBILITY IST	ATUTE MILE	ES:						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ '5	≥ 5,16	≥ .	≥ 0
NO CEILING ≥ 20000	7.6	48.1	48.1	49.1	40.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.3	49.4	48.5	48.8 52.4
≥ 18000 ≥ 16000	70.0	51.3	51.4	51.5	51.5 52.3	51.5	51.5 52.3	51.5	51.5	51.5 52.3	51.5	51.6	51.0	51.9	52.2	57.9
≥ 14000 ≥ 12000	ن پر ر د د د	33.5	53.7 55.1	53.8 55.2	53.0	53.8	53.8	53,8 55.2	53.8	53.8	53.8	53.0 55.1	54.1	54.2	54.4	54.7
≥ 10000 ≥ 9000	CU.1	00.9	61.1	64.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.7	61.5	61.6	61.5	67.2
≥ 8000 ≥ 7000	49.2	10.0	70.2	70.3	70 · 3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.6	70.8	71.0	71.3
≥ 6000 ≥ 5000	73.0 75.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1 75.9	74.1	74.1	74.1	74.2	74.4	74.5	74.7	75.1
≥ 4500 ≥ 4000	76.6 78.2	17.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	78.0	78.1 79.7	78.5 79.9	78.6
≥ 3500 ≥ 3000	73.B	79.6	79.8		79.9	79.9	79.9 82.2	79.9 82.2	79.9	79.9 82.2	79.9 82.2	80.0	80•Z	80.3 82.6	90+5 82-9	80.9
≥ 2500 ≥ 2000	H2.8	07.5	83.8	84.0 85.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.4	84.5 86.3	84.8	85.7 87.0
≥ 1800 ≥ 1500	6.3.1	85.8 87.2	86.0 87.4	86.2 87.6	86.2 87.6	86.2	86.2 87.6	86.3	86.3	86.3	86 . 3 87 . 7	86.5	86.7	86.8 #8.2	87.1 88.3	87.4
≥ 1200 ≥ 1000	77.4	85.2	88.4	88.6			88.6	88.7 90.4		90.4	88.7	86.8	99.0	89.1	89.5	89.8 91.5
≥ 900 ≥ 800	19.4	90.4	90.6	90.9		90.9	91.1	91.4		91.4	91.5	91.6	91.8	91.9	92.3	92.6
≥ 700 ≥ 600	91.0		92.8	93.0		93.0	93.4	93.5	93.5 93.8	93.5	93.7	93.8	94.0	94.1	94.4	94.7
≥ 500 ≥ 400	92.9	94.2	94.4	94.7	94.7	94.7	94.9	95.3 95.8	95.3		95.4	95.5	95.7	95.8	96.1	96.5
≥ 300 ≥ 200	93.4		94.9	95.3	95.3		95.5	95.8 96.5	95.8	96.1	96.2	96.3		96.7	97.0	97.4
≥ 100 ≥ 0	93.9	95.4 95.4					96 + 1 96 + 1	96.5	96.5		96.9	97.0 97.0		97.6	96.8	99.5

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC $^{\text{FORM}}_{\text{JUL 64}} = 0.14.5 \, (OL~1)$ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROJESSING DIVISION SAF ETAS AIR MEATHER SERVICE/MAC

-26-102 FIRT SHITE WATS WILLIAMS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH -0900 ml 1400

CERNING								ISIBILITY :ST	ATUTE MILE	 :\$,						
FEET	≥ 10	≥ 6	≥ 5	>. 4	≥ 3	≥ 2½	≥ 2	≥ 15	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5,16	≥ %	≥ 0
NO CE:UNG ≥ 20000	40.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000 ≥ 15000	51.0	52.2	52.6	52.6	52.6 53.2	52.6	52.6	52.6 53.2	52.6	52.6	52.6	52.6	52.6 53.2	52.6	52.6	يف غراك
≥ 14000 ≥ 12000	53.4	53.6	54.2	54.2	54.2	54.2 56.2	54.2	54.2 56.2	54.2	54.2	54.2	54.2	54.2	54.2 56.2	54.2	54.2 56.2
≥ 10000 ≥ 9000	62.7	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000 ≥ 7000	68.0	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6 68.7	67.6	67.6	67.6
≥ 6000 ≥ 5000	69.0 70.8	69.4	69.8	69.8	69.8	69.8	69.8	69.8	59.8	69.8	69.8	69.5	69.8	69.8	69.8	69.8
≥ 4500 ≥ 4000	71.2	71.5	71.9	71.9	71.9	71.9 73.4	71.9	71.9 73.4	71.9 73.4	71.9	71.9 73.4	71.9	71.9	71.9	71.9	71.9
≥ 3500 ≥ 3000	73.9	74.4 76.8	74.8	74.8	74.8	74.8	74.8	74.8 77.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500 ≥ 2000	78.5	79.0	79.5 83.8	79.5	79.5	79.5 83.8	79.5	79.5	79.5	79.5	79.5 83.8	79.5	79.5	79.5	79.6	79.6
≥ 1800 ≥ 1500	53.4 55.7	84.1	84.5	84.5	84.5 86.4	64.5 86.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5 86.8	84.6	84.6
≥ 1200 ≥ 1000	87.3	88.0 90.3	88.4	88.4	88.5	68.5 91.0	91.2	88.6 91.2	88.6	88,6 91.2	88.6 91.2	88.6	88.6	91.2	88.7	88.7
≥ 900 ≥ 800	90.8	91.4	91.8	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 700 ≥ 600	94.6	94.0	94.4	94.5	94.6	94.6	94.8	94.8 96.2	94.8	94.6	94.8	94.6	94.8	94.8	94.9	94.9
≥ 500 ≥ 400	96.1	97.4 97.8	97.8	98.4	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4 98.8	98.8	98.5	98.5
≥ 300 ≥ 200	96.5 95.7	98.1 98.3	98.5 98.7		98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.5
≥ 100	96.7	98.3	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	1 - 17 1	99.9

TOTAL NUMBER OF OBSERVATIONS

MATA PRINCESSING DIVISION SAF ETAG AIR MEATHER MEMVICE/MAG

CEILING VERSUS VISIBILITY

24 AND FIRT SHITE BY STANDON MANE HET

37-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

120071400

CETANG							VI	SIBILITY STA	ATUTE MILE	S:				_		
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5.16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.4
≥ 18000 ≥ 16000	47.2	47.6	47.6	47.0	47.0	47.6	47.6	48.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000 ≥ 12000	48.5	49.9	44.9	48.9 50.5	48.9	48.9	48.9	48.9 50.5	48.9	46.9	48.9	48.9	48.9	48.9 50.5	48.9	50.5
≥ 10000 ≥ 9000	55.0	96.1 58.1	50.1 58.1	56.1	56.1 58.1	56.1 58.1	56.1	56.1 58.1	56.1 58.1	56.1 58.1	56.1 58.1	56.1	56.1 58.1	56.1 58.1	56.1 58.1	56.1 58.1
≥ 8000 ≥ 7000	01.2	00.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000 ≥ 5000	02.4	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500 ≥ 4000	72.7	13.2	56.6 73.2	66.H	66.8	73.4	73.4	73.4	66.8 73.4	73.4	66.8	73.4	73.4	66.8	73.4	66.8 73.4
≥ 3500 ≥ 3000	73.8 70.7	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.9
≥ 2500 ≥ 2000	7.ز 1.ون	44.2	84.2	64.4 89.9	84.4	84.4	84.4	84.4	84.4	84.4	89.9	84.4	89.9	84.4	84.4	84.4
≥ 1800 ≥ 1500	59.7	40.2 43.0	90.2	90.4 93.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200 ≥ 1000	73.7		94.5	94.7	94.7	94.7	94.7	96.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900 ≥ 800	90.0			97.4 98.0	97.4	97.4	98.0		97.4 98.0	97.4	97.4	95.4	97.4	97.4	97.4	
≥ 700 ≥ 600	97.1 96.0	99.0	98.3 99.1	98.5 99.4	99.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.4
≥ 500 ≥ 40C	98.5	49.6	99.7		99.9	99,9		99.9	99.9	99.9	99.9		99.9		99.9	99.9
≥ 300 ≥ 200	30.5	49.5	99.7	99.9	99,9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.5		99.7 99.7	99.9							100.0					

TOTAL NUMBER OF OBSERVATIONS

CATA PROCESSING CIVISION CSAF ETAT AIR VEATHER SELVICEY (AC

26 THE PRINT SHITTE NE TO STANDITURE TO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 199 ml 300

CERING							٧	ISIBILITY (ST	ATUTE MILE	:S ₁						
FEET	≥ ;0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'5	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ⅓	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.3	44,5	44.5	44.5 50.8	44.5 50.8	44.5 50.8	44.5 50.8	44.5 50.8	44.5	44.5 50.8	44.5	44.5 50.8	44.5	44.5	44.5 50.6	44.5
≥ 18000 ≥ 16000	50.6	>0.9	50.9	50.9	50.9	50.9	50.9 51.5	50.9	50.9	50.9 51.5	50.9	50.9	50.9	50.9 51.5	50.9	50.9
≥ 14000 ≥ 12000	33.0	53.2 54.7	53.2	54.7	53.2 54.7	53.2	53.2 54.7	53.2 54.7	53.2	53.2 54.7	53.2 54.7	53.7 54.7	53.2 54.7	53.2 54.7	53.2	53.2
≥ 10000 ≥ 9000	59.0	59.4 62.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4 62.0	59.4	57.4
≥ 8000 ≥ 7000	66.5	65.7	66.9 68.7	66.7	66.9 68.7	66.7	66.9	66.9	66.9	66.9	66.9 68.7	66.9	66.9 68.7	68.7	66.9	66.9
≥ 6000 ≥ 5000	72.5	73.0	73.0	73.0	73.0	73.0	69.6 73.0	69.6 73.0	73.0	73.0	69.6 73.0	73.0	73.0	69.6	73.0	73.0
≥ 4500 ≥ 4000	73.7	74.7	74.2 78.4	74.2	74.2 78.4	74.2 78.4	74.2	74.2	74.2 78.4	74.2	74.2 78.4	74.2	74.2	74.2	74.2	74.2
≥ 3500 ≥ 3000	HO.9	81.4	85.3	81.4 85.3	81.4 85.3	81.4	81.4	81.4 85.3	81.4	61.4 65.3	85.3	81.4	81.4	81.4	81.4 85.3	81.4
≥ 2500 ≥ 2000	91.6	88.5 92.5	92.5	92.5	92.5	92.5	92.5	98.5	92.5	88.5 92.5	92.5	92.3	92.6	88.6 92.6	92.0	92.6
≥ 1800 ≥ 1500	92.0	92.9	94.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	94.9	93.0
≥ 1200 ≥ 1000	94.7	95.6 97.2 97.4	95.8 97.2 97.4	95.8	95.8	95.8	95.8	95.8	95.8 97.2 97.4	95.8 97.2	95.8 97.2 97.4	95.8	95.9 97.3	95.9 97.3	95.9 97.3	95.9 97.3 97.5
≥ 900 ≥ 800 ≥ 700	96.1 96.8	98.1 98.3	98.3	97.4 98.1 98.3	97.4 98.1 98.3	97.4 98.1 98.3	97.4 98.1 98.3	97.4 98.1 98.3	98.1 98.1	98.1	98.1	97.4 98.1	98.2	98.2	98.2 98.4	98.2
≥ 600	97.7	99.5	99.1	99.2	99.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 500 ≥ 400 ≥ 300	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0		100.0	
≥ 200	98.4 98.4	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100-0	100.0	100.0	100.0
≥ 100	94.4	99.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100-0		100.0	

TOTAL NUMBER OF OBSERVATIONS...

DATA PROCESSING DIVISION USAF ETAC AIR FEATHER SELFICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

241-12 FIRT SHITTS HART STANDON TAMES STANDON TAMES

-1 4ΩΩ π 2,000

MONTH

CEUNG	i						v	ISIBILITY (ST	ATUTE MILE	ES)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 1%	≥ 1%	≥ !	≥ ¾	≥ 5/8	≥ %	≥ 5, 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.1	53.4	53.4	53.4 58.4	53.4	57.4	53.4 58.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4 58.4	53.4	53.4
≥ 18000 ≥ 16000	>8.1 58.7	58.4	58.4	58.4 59.0	58.4	58.4	58.4 59.0	58.4 59.0	58.4	58.4	58.4	58.4	58.4	59.0	58.4	58.4 59.0
≥ 14000 ≥ 12000	60.5	60.9	60.9	60.9	60.9	60.9	60.9 62.0	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000 ≥ 9000	70.2	67.5	67.5 70.5	67.5	67.5	67.5 70.5	67.5 70.5	67.5 70.5	67.5 70.5	67.5	67.5	67.5	67.5	67.5 70.5	67.5 70.5	70.5
≥ 8000 ≥ 7000 ≥ 6000	76.1 78.9	76.5	76.5 79.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5 79.2	76.5	76.5	76.5 79.2	76.5	76.5	76.9 79.2
≥ 6000 ≥ 5000 ≥ 4500	60.3	80.6 83.5	80.6	83.5	83.5	80.6	80.6 83.5	80.6	83.5	80.6	80.6	80.6	80.6	80.6	83.5	83.5
≥ 4000 ≥ 3500	54.2 56.2	84.5 85.9	84.5	84.5	84.9	88.5	84.5	84.5 86.9 88.5	84.5	84.5 86.9	86.9	84.5 86.9 88.5	84.5	84.5 86.9	84.5	84.5
≥ 3000 ≥ 2500	73.1	90.8 93.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.H 93.4	90.8	93.4	90.8
≥ 2000 ≥ 1800	94.9	95.1 95.3	95.3	95.3	95.3	95.1 95.3	99.1	95.1	95.1	95.1 95.3	95.1	95.1	95.1	95.3	95.3	95.3
≥ 1500 ≥ 1200 ≥ 1000	75.9 96.3		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000 ≥ 900 ≥ 800	97.0 97.7	98.1	98.1	98.1	98.0 98.1	98.0	98.1	98.1	98.1	98.0 98.1	98.1	98.1	98.1	98.1	98.0	98.0
≥ 700 ≥ 600	98.0 98.2 98.7	98.6 99.1	98.7 98.7	98.6	98.8	98.8	98.6 98.8	98.6 98.8 99.5	98.6	98.8	98.6	98.6	98.6	98.8	98.8	98.6
≥ 500 ≥ 400	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100 ≥ 0	99.0		99.6	99.8	99.9	99.9	,	99,9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2

TATA PROCESSING DIVISION SAF ETAG AIR SEATHER SERVICE/MAC

20102 FUET SATTE WAT STAND AND FT 57-66

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100m2300

CEILING							v	ISIBILITY ST	ATUTE MILE	ES;						
FEET-	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5;16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.9	00.2	60.2	60.2	60.2	60.2	60.2	امیا	60.2	60.2	60.2	60.2 62.6	60.2	60.2	60.2	60.2
≥ 18000 ≥ 16000	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6 62.8	62.6	62.6	62.6	62.6	62.8	62.6	62.6	62.6
≥ 14000 ≥ 12000	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000 ≥ 9000	69.5	09.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000 ≥ 7000	75.7	76.1	76.1	76.1	76.1 80.0	76.1	76.1 80.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1 80.0	76.1	76.1 80.0
≥ 6000 ≥ 5000	80.8	81.2	81.2	81.2 85.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2 85.8	81.2	81.2	81.2	81.2	81.2
≥ 4500 ≥ 4000	0.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1 88.9	87.1	87.1	87.1	87.1	87.1	87.1 88.9	87.1	87.3
≥ 3500 ≥ 3000	92.2	89.7 92.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500 ≥ 2000	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800 ≥ 1500	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200 ≥ 1000	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1 97.8	97.1 97.8	97.1 97.8	97.1	97.1 97.5	97.1 97.8	97.1 97.8
≥ 900 ≥ 800	97.3	97.8 98.0				97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	l 1	97.8	97.8 98.0
≥ 700 ≥ 600	97.5	98.1		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1 98.6	98.1	98.1 98.6
≥ 500 ≥ 400	78.7	99.4		99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4 99.7	99.4 99.7	99.4
≥ 300 ≥ 200	98.8 98.8	99.4		99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	98.8			99.5	99.7	99.7	99.7	99.9	99.9	99,9	99,9	99.9	99.9	99.9		100 cd

TOTAL NUMBER OF OBSERVATIONS

TATA PROCESSES TIVISION USAF ETAG GIR WEATHER BEINTOFYMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

 -0000π

						VI	ISIBILITY ST	ATUTE MILE	S						
≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥ 17,	≥ 1'4	≥ 1	≥ ¼	≥ 5.8	≥ 14	≥ 5 16	≥ '4	≥ 0
12.2	22.2	52.2	52.2	52.6	52.6	52.0	52.8 52.8	52.8	52.8	52.8	52.8 52.3	53.1	57.1 54.1	43.2	53.6
3.6	53.6	53.6	53.6	53.9	53.9	54 • 1 54 • 1	54.1 54.1	54.1	34.1 54.1	54.1	54.1 54.1	34.4	54.4 54.4	54.6	54.9 54.0
54.2	54.2	54.2	54.2	54.6	54.6 55.4	54.0 55.7	54.8 55.7	54.8	54.8 55.7	54.8 55.7	54. A 55. 7	55.1	55.1 56.0	55,2 56.1	55.6 50.4
38.6	58.6	58.6	58.6	58.9 50.7	58.9 60.7	59 • 1 60 • 9	59.1 60.9	59.1	59.1 60.9	59.1	59.1 60.9	59.4	59.4 61.2	59.0	59.9 61.7
64.0 64.1	04.0	64.0 68.2	64.0	64.3 68.0	64.3 68.6	64.6	64.6	64.6 68.8	64.6	64.6 68.8	64.6 68.8	69.1	69.1	65.0	69.6
74.0	74.1	74.1	74.1	74.4	74.4	74.7	74.7	70.3	74.7	74.7	70.3	75.0	15.0	70.8	71.1 75.4
10.7	73.8	78.8	78.8	79.1	79.1	79.5	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.8	76.5 80.1
	¥3.4	83.4	83.4	83.8	83.8	84.0	34.0	84.0	84.0	84.0	84.0	86.3	84.3	84.4	84.P
:002	96.4	80.4	86.4	80.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.6	87.6	87.1	88.0 88.3
7.9	88.2	88.2	88.2	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	39.3	89.3	89.4	89.8
12.0	42.8	94.8	92.5	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.4	94.1	94.1	9602	94.6
92.8	91.7	43.7	93.7	94.2	94.2		94.5	94.6		94.7	94.7	93.0		95.1	95.4
74.6	94.2 95.7	94.2	94.2	96.2	94.8	95.1	95.1	95.1	95.2	95.2	95.7	95.7		1	96.1
95.3	96.1	96.4	96.4	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.4	98.0			98.4 98.8
	46.8 46.9	90.9				98.4	98.4	98.3	98.8	98.8	98.7		1	99.0	99.7
	12.2 13.6 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 16.4 17.4	72.2 72.2 3.6 53.6 53.6 53.6 54.2 54.2 55.1 35.1 78.6 5 70.6 70.3 00.3 64.1 08.2 69.7 09.6 75.1 79.2 76.7 78.8 50.4 810.6 3.3 83.4 75.3 85.6 60.0 16.8 7.9 88.2 90.7 90.8 72.2 93.1 90.8 95.7 93.3 94.2 94.2 93.1 93.3 94.2 94.8 95.7 93.3 94.2 94.8 95.7 95.3 96.8 95.7 96.8	72.2 72.2 52.2 13.2 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0	72.2 72.2 52.2 52.2 3.6 33.6 53.6 53.6 53.6 53.6 53.6 53.6	72.2 72.2 52.2 52.2 52.0 13.2 53.0 13.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0 5	72.2 72.2 52.2 52.2 52.0 52.6 3.0 53.	2:0 20 25 24 23 22: 22 72.2 72.2 52.2 52.2 52.0 52.6 52.6 52.6 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0	2:0 26 25 24 23 22 22 217 72.2 72.2 52.2 52.2 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 52.6 53.6 53.6 53.6 53.6 53.9 53.9 54.1 55.4 55.4 55.7 55.7 55.7 55.7 55.7 54.1 55.1 55.1 55.1 55.1 55.4 55.7 55.7 55.7 56.7 54.1 54.1	2:0 2:0 2:5 2:4 2:3 2:2 2:2 2:1 2:1 72.2 2:2 52.2 52.2 52.6 52.6 52.6 52.8	72.2 72.2 52.2 52.2 52.0 <td< th=""><th>210 26 25 24 23 22 21 21 21 21 24 21 22 22 22 22 22 22 22 24 24 24 24 24 24</th><th>2:0 20 25 24 23 22 22 21 212 212 212 21 24 258 72.2 222 52.2 52.2 52.2 52.0 52.0 52.0 52</th><th>210 20 25 24 23 22 21, 21, 21, 21, 21, 24, 258 24 22.2 22.2 52.2 52.2 52.2 52.6 52.6 52.6</th><th>210 20 25 24 23 22 21 21 21 21 21 24 258 24 258 26 2510 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</th><th>2:10</th></td<>	210 26 25 24 23 22 21 21 21 21 24 21 22 22 22 22 22 22 22 24 24 24 24 24 24	2:0 20 25 24 23 22 22 21 212 212 212 21 24 258 72.2 222 52.2 52.2 52.2 52.0 52.0 52.0 52	210 20 25 24 23 22 21, 21, 21, 21, 21, 24, 258 24 22.2 22.2 52.2 52.2 52.2 52.6 52.6 52.6	210 20 25 24 23 22 21 21 21 21 21 24 258 24 258 26 2510 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2:10

TOTAL NUMBER OF OBSERVATIONS 90

CATA PROPESSION CIVISION USAF ETAL COLOR SEAT ER SENTER SECTION

CEILING VERSUS VISIBILITY

I SHIT SHITE NO THANK TO THE PT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CE-UNG							v	ISIBILITY :ST.	ATUTE MILE	:S ₁						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'3	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 5/8	≥ ⅓	≥ 5 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	66.9	47.6	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.7	47.9	47.9	48.0	40.4
≥ 18000 ≥ 16000	47.7	47.8	47.8	47.8 47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.0	48.0	48.7	48.7 48.8	48.8	49.2
≥ 14000 ≥ 12000	48.0	49.5	45.7	48.7	48.8	49.9	48.8 49.9	48.8 49.9	48.8	46.9 50.0	48.9	48.9	49.6	49.6	49.7 50.0	50.1 51.4
≥ 10000 ≥ 9000	73.4 55.9	53,6 56,6	53.0	53.6	53.7	56.1	53.7 56.1	53.7 56.1	53.7	53.8 56.2	53.0 56.2	53.1 56.2	54.4	54.4	54.0	55.4
≥ 8000 ≥ 7000	58.8 53.6	58.9 03.7	58.9 63.7	58.9	59.0 63.8	59.0	59.0	59.0	59.0	59.1 63.9	59.1 63.9	59.1	59.8	64.6	60.0	60.4
≥ 6000 ≥ 5000	65.3	69.9	69.9	65.4	70-0	70.0	70.0	70.0	70.0	65.7 70.2	65.7 70.2	65.7	70.9		71.1	71.4
≥ 4500 ≥ 4000	71.4	71.6	75.1	75.1	75.2	71.7 75.2	71.7	75.2	71.7	71.9 75.6	71.9	71.9	72.6	76.1	72.0	73.2
≥ 3500 ≥ 3000	77.3 19.4	77.6 79.8	77.6 79.8	79.8	79.9	77.7	77.7 80.0	77.7	77.7	77.9	77.9 80.2	77.9	78 • 6 80 • 9	60.9	78.8	79.2 81.6
≥ 2500 ≥ 2000	20.4 61.8	82.2	82.2	82.2	82.3	81.0	81.1 82.4	81.1	81.1	81.3 82.7	82.7	81.3	82.0	83.6	82.3	82.8
≥ 1800 ≥ 1500	13.4	43.9	83.9	84.0		82.8	82.9	62.9 84.2	82.9	83.1 84.4 87.0	83.1 84.4 87.0	83.1	83.9 85.2	83.9 85.2 87.8	85.7 7.88	84.8 86.1 88.7
≥ 1200 ≥ 1000	67.d	86.1 88.0		88.7	86.9	86.7 88.9	89.2	89.2	89.2	89.6	89.6	87.0 89.6	90.3	1	90.0	91.2
≥ 900 ≥ 800	8.1	69.6	89.7	90.2	90.4	90.4 91.9	90.4 90.8 92.2	90.8	90.2 90.8 92.2	90.6 91.1 92.6	91.1	90.6 91.1 92.5	91.9	91.9	91.0	92.5
≥ 700 ≥ 600 ≥ 500	90.0	91.3	91.4	92.1	92.3	92.3	92.7	92.7	92.7	93.0	93.0	93.7	94.8	94.1	94.0	95.7
≥ 400	31.0		93.2	93.9	94.2	94.2	94.0	94.6	94.6	94.9	94.9	96.9	96.6	96.0	96.4	96.9
≥ 200	91.1	42.9	93.3	94.0	94.4	94.9	95.6	95.1	95.1	95.6	95.7	95.7	97.1 97.8	97.1	97.0	98.0
≥ 100	41.3	93.1	93.7	94.3	94.9	94.9	99.0		95.6	96.1	96.3	96.3	98.0	اء آھو ا		100.0

TOTAL NUMBER OF OBSERVATIONS.....

NATA PROBLESSION SIVISION ATH EAT THE SET VECENTAL

- SANOT FIRE SHIP AND STANON NAME OF T

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEUNG	:						v	SIBILITY ST	ATUTE MILE	\$-						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥17	≥ 11.	≥ 1	≥ 1/4	≥ 5 8	≥ '7	≥ 5 16	2 4	≥ 0
NO CEENG ≥ 25000	10.0	36.6	30.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.7	37.4	37.4	37.7	
≥ 18000 ≥ 16000	13.9	39.1	39.2	39.2	39.3	39.3	39.4	39.3	39.3	39.4	39.4	39.6	39.8	39.6 39.9	40.0	,
≥ 14000 ≥ 12000	9.9	40.1	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.6	40.8	40.8	41.0	42.1
≥ 10000 ≥ 9000	47.2	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.9	48.1 50.1	48.1 50.1	48.j 50.j	49.4 51.6
≥ 8000 ≥ 7000	53.4 57.6	53.7 57.6	53.5 57.7	57.7	53.9	53.9 57.8	53.9 57.6	53.9 57.6	53.9 57.8	54.0 57.9	54.0	58.1	54.3	54.3 58.2	54.5 58.4	39.6
≥ 6000	58.3	58.7	58.8 62.0	58.8	58.9	58.9	58.9	58.9 62.1	58.9	59.0	49.0 62.3	59.1	62.7	59.3	59.6	64.1
≥ 4500 ≥ 4000	62.1 63.8	02.4	66.2	06.2	62.7	62.7	66.3	66.3	62.7	62.8	66.6	63.7	63.2	67.0	63.6	66.4
≥ 3500 ≥ 3000 ≥ 2500	75.1	73.4	73.0	68.4 73.6 75.7	73.7	73.7	73.7	68.6 73.7 75.8	68.6 73.7	73.8	73.7	68.9	74.2	74.3	74.6	70.7 75.8
≥ 2000	75.0 76.9 77.4	75.6 77.6		77.7	75.8 77.8 78.3	75.8 77.6 78.3			77.8	75.9 77.9 78.4	76.0 78.0 78.6	76 • 1 78 • 1 78 • 7	76.3 78.3	76.4 78.4	76.8 78.8	78.0 80.0
≥ 1500	79.1			80.1		- 1	80.2		BO.2 B3.7	80.3	80.4	80.5	84.2	80.9 84.3	91.2	82.4
≥ 1000	.4.9	86.4	H6.7		87.0		87.0	87.0	1	87.1	87.2	87.3	87.6	87.7	98.0	89.2
≥ 800	₹6.1 57.2	87.9	Bdel	86.2	88.4	88.4	88.4		88.4	90.1	90.2	90.3	90.8	90.9	91.4	90.5
≥ 600	87.8 69.7	99.9 92.0	90.2	90.4	90.9		90.9		1	91.1	91.2	91.3	94.1	91.9	94.0	
≥ 400		42.9		93.4	93.3			93.4		94.4	94.6	94.4	95.4	95.0	36.1	96.1
≥ 200	90.4	93.6	93.9	94.1	94.7	94.7		94.8	94.8		95.3	95.7	90.4	96.A	3700	98.4
_ ≥ 0	0.4	43.6			94.7	94.7			94.B	95.2	95.3	95.7	90.4	- ,	97.9	100°C

TOTAL NUMBER OF OBSERVATIONS

ATA PRODUCTSING MIMISION SAF LTAN SIR EATHER SECTION AC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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ce i No							V	SIBILITY IST	ATUTE MILE	S						Ţ
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′2	≥ 2	≥ 115	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ %	≥ 5 16	≥ '₄	≥ 0
NO CEL NO ≥ 20000	13.4	33.4 48.7	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.7	33.8
≥ 18000 ≥ 16000	18.7	18.7	38.7	3H.7	38.7	38.7	38.7	38.7	38.7	38.7	30.7	38.7	36.7	30.9 39.8	39.0	39.1
≥ 14000 ≥ 12000	40.0	40.6	40.6	40.6	40.6	40.6	40.6	40.0	40.6	40.6	40.6	40.6	40.6	40.8	4C.9	41.0
≥ 10000 ≥ 9000	46.2 48.5	45.2 48.8	46.2	46.2 48.8	48.8	46.2	46.2 48.8	46.2	46.2 48.8	46.2 48.8	46.2	46.7 48.8	46.2	45.4	46.6	45.7
≥ 8000 ≥ 7000	14.7 28.0	34.7 33.0	54.7 58.0	54.7 58.0	54.7 58.0	0.86	54.7 58.0	54.7 58.0	54.7 58.0	54.7 58.0	54.7	54.7 58.0	54.7 58.0	54.9 55.2	55.0 58.5	55.1 56.4
≥ 6000 ≥ 5000	59.1	>9.1 01.0	59.1	59.1	59.1	-400	59 · 1	•	59.1 61.0	41.0	59.1	59.1	59.1	59.3 61.2	61.3	59.4
≥ 4500 ≥ 4600	03.7	61.6		63.7		03.7	61.6	63.7	61.6	63.7	61.6	61.6	61.6	63.9	61.9	62.0
≥ 3500	5 • 1 	05.1	45.1 68.7	68.8			65.1	65.1	65.1	65.1	65.1 68.8	65.1	65.1	65.3	69.4	65.4
≥ 2500 ≥ 2000 ≥ 1800	73.0	71.6	70.9 -73.0			73.7		71.0	71.0	73.7	71.0	71.0	71.0	71.2	71.4	71.4
≥ 1500	14.0	74.6	77.8	77.9			74.7 77.9 82.4	74.7 77.9 82.4	74.7 77.9 82.4	74.7 77.9 82.4	74.7 77.9 82.4	74.7	74.7 77.9	74.9 78.1 82.7	75.1 78.3	75.2 79.4 63.7
≥ 1000	7.5	85.6 88.6	30.4 88.6	86.7		86.7		88.9	86.8	86.B	86.9	82.4 86.9 89.1	86.9		87.4	87.4
≥ 800	9.8	89.7	89.8	90.1		90.1	90.2	90.2 92.1	90.2	90.3	90.6	90.6	90.6	90.8	91.0	91.1
≥ 600 ≥ 500	90.1 92.3	92.1 94.6	92.3	92.7	92.0	92.5		93.0	93.0	93.2	97.2	93.4	93.4	93.7	93.9	94.0
≥ 400	32.7	73.1 73.4	72.8	96.2	96.8	96.8		97.2		97.4	97.7	97.7 98.3		93.1	98.1	98.4
≥ 200	9 a e U	95.4 95.4	90.1	96.8		97.3	97.6	98.0	98.0		98.7	98.7	99.0	99.2	99.4	99 A
≥ 0	73.0	95.4		96.8	97.3			98.0			98.7	98.7	99.0			100.0

TOTAL NUMBER OF OBSERVATIONS 90

DATA PROFESSING DIVISION USAF ETAL DIR MEATUER DESVICEMMAN

CEILING VERSUS VISIBILITY

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NOUTH P

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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i Course	! !						٧	ISIBILITY ST	ATUTE MILE	ES .						
; FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2′-;	≥ 2	≥ 17,2	ړ۱۱ ≤	≥ 1	≥ ¾	≥ 5/8	≥ 1/4	≥ 5 16	≥ '.	≥ 0
NO CEIUNG ≥ 20000		32.8	32.8	32.8		32.8		32.8	32.8		32.8	32.A	32.8	32.8	37.8	37.8
≥ 18000 ≥ 16000	27.9 19.0	37.9 49.0	37.9 39.0			37.9		,	37.9 39.0		37.9	37.9		37.9	1	37.7 39.0
≥ 14000 ≥ 12000	40.8	40.8 42.8	40.8	40.8 42.8	40 • 8 42 • 8	40.8 42.8		40.H	40.8	42.8	40.8	40.8 42.3	40.8	40.8	40.8	40.4 42.8
≥ 10000 ≥ 9000	46.1 48.2	46.1 48.2	46.1 48.2	46.1 48.2	46.1	46.1 48.2	40.1 48.2	46.1	45.1	48.2	46.1 48.2	46.1 48.2	46.1 48.2	46.1 48.2	46.1	46.1
≥ 8000 ≥ 7000	51.6 24.6	51.6 54.7	51.6 54.7	51.6 54.7	51.6 54.7	54.7	54.7	54.7	51.6 54.7	54.7	51.6 54.7	51.6 54.7	51.6 54.7	51.6 54.7	51.6 54.7	51.6
≥ 6000 ≥ 5000	54.8 56.3	54.9 56.6	54.9 50.6		54.9 56.6	54.9 56.6	50.6	56.6	54.9 56.6	54.9 56.6	54.9	54.9 56.6	54.9 56.6	54.9 56.6	54.9	54.9
≥ 4500 ≥ 4000	57.1 59.0	57.3 59.8	57.3 59.8	57.3 59.8	57.3 59.8	57.3 59.8	59.8	59.8	59.8	57.3 59.8	57.3 59.8	57.3 53.8	57.3 59.8	59.8	99.8	57.3 59.8
≥ 3500 ≥ 3000	51.1 54.8			65.0	65.0	61.3	65.0	65.0	61.3	65.0	65.0	61.3	61.3	65.0	65.0	61.3
≥ 2500 ≥ 2000	71.3 70.8		71.0			77.0	77.0	77.0	71.6	77.0	71.6 77.0	77.0	71.6	71.6		71.6
≥ 1800 ≥ 1500	78.0 63.0	UBAZ	78.2 83.2	78.2 83.2	78.2 83.2	78.2 83.2	83.3	78.3 83.3	78.3 83.3	83.3	78.3 83.3	43.3	76.3 63.3	78.3 83.3	83.3	79.3 83.3
≥ 1200	90.8	91.3	91.3 93.7	93.7	91.3 93.7	91.3 93.7	93.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4 94.0	94.0	94.0
≥ 900 ≥ 800		46.3	90.3	96.3	96.3	95.0	96.7		95.2	96.7	95.2	95.7	95.3		97.6	97.0
≥ 700 ≥ 600	95.7	97.3	97.0	97.3	97.	97.2	97.9	97.9		97.9	97.6 97.9	97.5	98.2	98.2	98.4	97.9 98.2
≥ 500 ≥ 400	97.0	98.8	98.3	98.8	98.8	98.8 99.2	99.0		99.1	99.1	99.2				100.0	
≥ 300 ≥ 200	97.3	98.8 98.8	98.8		98.8	99.2	99.0	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	LOO.C
≥ 100 ≥ D	97.3	98.8 98.8	98.8	1	98.8	99.2 99.2			99.6	99.6	99.7 99.7				100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 62 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SAF ETAL SENTER/SAF

- Lating Full Siller to Station and PT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 500 - 1.700

CEIL NG							VI	SIBILITY STA	TUTE MILE	5						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2',	≥ 2	≥1',	≥ 114	≥ 1	≥ %	≥ 5/8	≥ 1/2	≥ 5, 16	≥ 'a	≥ 0
NO CEILING ≥ 20000	ئنون، در دو	36.6	30.8	36.6 61.9	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.3	36.8	36.8	36.8	36.1
≥ 18000 ≥ 16000	42.1	47.1	42.1	42.1	42.1	42.1 42.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.4
≥ 14000 ≥ 12000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0 47.2
≥ 10000 ≥ 9000	51.6	>1.6 53.9	1	51.6	51.0	51.6 53.9	51.6		51.0	51.6	51.6	51.9	51.6	51.6	51.6	51.6
≥ 8000 ≥ 7000	38.8	58.8 62.3		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.3	58.8	58.8	56.8	58.8
≥ 6000 ≥ 5000	63.1 63.8	03.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500 ≥ 4000	64.6	64.7	64.7	64.7	64.7	64.7	67.6	67.4	64.7	64.7	67.4	64.7	64.7	67.4	64.7	67.4
≥ 3500 ≥ 3000	74.0	14.9	74.9	14.9	74.9	74.9	69 • 6 74 • 9	74.9	69.6 74.9	74.9	74.9	69.6 74.9	74.9	74.9	69 • 6 74 • 9	75.9
≥ 2500 ≥ 2000	75.7	19.0 64.0	84.0		54.0	79.0		84.0	79.0 86.0	84.0	79.0 84.0	79.0	79.0	79.0	79.0	19.0 84.0
≥ 1800 ≥ 1500	75.9	96.4 91.2		91.2	91.2		86.4 91.2	91.2	91.2		91.2	91.2		91.2	91.2	91.2
≥ 1200 ≥ 1000	95.8	95.7 95.7	95.2		90.7	95.2	95.2	96.7	95.2 96.7 97.7		90.7			95.2 96.7		95.2
≥ 900 ≥ 800 ≥ 700	96.6 97.1 97.7	97.7 98.3 99.0	98.3	98.3	98.3	97.7 98.3 99.0	97.7 98.3 99.1	98.3	98.3		97.7 98.3 99.3	98.3	97.7	97.7 98.3	97.7	97.7
≥ 600	97.8	99.1	99.1	99.1	99.1	99.1	99.3	99.6	99.6		99.7	99.7	99.7	99.7 99.8	99.8 99.9	99.4
≥ 500 ≥ 400 ≥ 300	97.4	99.2 99.2	99.2	99.2	99.2	99.2	99.3	99.7	99.7	99.8		99.8	99.8	99.8	99.9	99.9
≥ 200	98.0	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.8	99.9	99.9	99.9		99.9	100.0	100.0
≥ 0	98.0	99.3				99.3	99.4		99.8	99.9	99.9				100-0	

TOTAL NUMBER OF OBSERVATIONS 30

2

MATA PROCESSIN MINISTEN STAF ETAC MIR WEAT ER SESVICENTAC

STAGE FIRST SITTLE INST STAGE AND STAGE STAGE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 488 7 3 9 0 0

CEL NG							v	ISIBILITY ST	ATUTE MILE	ES						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2';	≥ 2	≥ 1′2	≥ 1%	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5:16	≥ '.	≥ 0
NO CEILING ≥ 20000	اد ور. د نند	45.8 48.2	45.8	45.8	45.8	45.8	45.8	45.E	45.8	45.8	45.8	45.8	45.8	45.8 48.2	45.8	45.8
≥ 18000 ≥ 16000	48.2 48.3	48.2	48.2	48.2	48.2	48.7	48.2	48.2	48.2	48.2 48.3	48.2	48.2	48.2	48.2 48.3	46.2	48.2
≥ 14000 ≥ 12000	49.0	47.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0 51.7	49.0	49.0
≥ 10000 ≥ 9000	57.0	55.8 57.6	57.6	55.8	55.8 57.6	57.6	55.8 57.6	55,8 57.6	57.6	55.8 57.6	55.8	55.8 57.6	57.6	55.8 57.6	55.8	55.9 57.6
≥ 8000 ≥ 7000	63.7	63.7	63.7	63.7	63.7	63.7	67.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	67.3	67.3
≥ 6000 ≥ 5000	70.9	09.3 71.6	69.3	69.3	69.3 71.4	69.3 71.4	69.3	69.3 71.4	69.3 71.4	69.3 71.4	69.3 71.4	69.3 71.6	69.3	69.3	69.3	69.3
≥ 4500 ≥ 4000	71.9 75.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3500 ≥ 3000	78.0	73.6	78.6	78.6	78.6 82.2	78.6	82.2	78.6 82.2	78.6	78.6 82.2	78.6 82.2	78.6	78.6	78.6 82.2	78.6 82.2	78.A 82.2
≥ 2500 ≥ 2000	90.7	85,2 91,3	91.3	91.3	91.3	91.3	91.3	85.2 91.3	91.3	91.4	85.2 91.4	85.2 91.4	91.4	91.4	91.6	91.4
≥ 1800 ≥ 1500	91.1	91.6	91.8	91.8	91.8	93.9	93.9	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200 ≥ 1000	93.9	94.6	96.4	96.4	94.6	96.6	94.6	94.6	94.6	94.7	96.7	94.7	94.7	94.7	94.7	94.7
≥ 900 ≥ 800	96.3		97.1		97.2	97.2	97.2	97.2	97.2	98.0	98.0	97.3	98.0	97.3 98.0	97.3	97.3
≥ 700 ≥ 600 ≥ 500	97.2	98.0 98.6	98.0 98.6	98.6	98.1	98.7	98.2	98.3	99.0	98,4	98.4 99.1	98.4	98.4	98.4 99.1	98.4	98.4
≥ 500 ≥ 400 ≥ 300	98.0 98.3 98.4	98.8 99.1 99.2	98.8 99.1 99.2	99.1	98.9 99.2	98.9 99.2	99.4	99.2 99.6 99.7	99.2	99.3 99.7 99.8	99.7	99.7	99.3 99.7	99.3 99.7 99.8	99.3 99.7	99.3 99.7 99.5
≥ 200	90.4	49.2	99.2	99.2	99.3	99.3	99.0	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	90.4			99.2	99.3	99.3	99.0	99.7	99.7	99.8	97.8	99.8	99.9	99.9		100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION ATH LEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

TIT SHITTE BULL STANDON NAME AFT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-7100 m2.100

CEILING	_						·v	ISIBILITY (ST.	ATUTE MILE	(S)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥1%	≥ 1%	≥1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.1	20.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	30.4	50.4
≥ 18000 ≥ 16000	51.7	51.7	51.7	51.7	51.7	51.7	51.8 51.8		51.8		51.8	51.8	51.9	51.9	51.9	52.0 52.0
≥ 14000 ≥ 12000	54.8	57.7 54.8	52.7 54.8	52.7	52.7	52.7	52.0	52.8 54.9	52.8 54.9	52.8	54.9	52.8 54.9	52.9 55.0	52.9	52.9	53.0
≥ 10000 ≥ 9000	57.7 58.4	57.7 58.4	57.7 58.4	57.7 58.4	57.7 58.4	57.7 58.4	57.5	57.8 58.6	57.8 50.6	57.8 58.6	57.8 58.6	57.8	57.9 58.7	57.9 58.7	57.9 58.7	55 . n 58 . 8
≥ 8000 ≥ 7000	52.6 58.0		62.7	62.7	62.7	62.7	62.6	68.4	62.8 68.4	62.8	62.8	62.8 68.4	62.9 68.6	62.9	62.9	
≥ 6000 ≥ 5000	58.7 73.2	73.8	73.8	59.2 73.8	69.2 73.8	73.5	69.3 73.9	73.9	69.3 73.9	73.9	69.3 73.9	69.3 73.9	69.4	74.0	74.0	74.1
≥ 4500 ≥ 4000	74.7	75.2	80.0			75.2	75.3 80.1	80.1	75.3 80.1	75.3 80.1	75.3	75.3	75.4	75.4	75.4	80.3
≥ 3500 ≥ 3000	81.7 85.1	82.2 85.8		45.8	85.6	82.2	82.3		82.3	85.9	85.9	82.3	Az.4 Bó.0	87.4 86.0	82.4 86.0	82.6
≥ 2500 ≥ 2000	67.9 69.6		90.6	90.6	90.6		90.7		90.7	90.7	90.7	90.7	90.6	90.8	90.0	91.0
≥ 1800 ≥ 1500	90.3 21.6	42.4		92.4	92.4	91.3		92.6	91.4	91.4	91.4	91.4	92.7	91.6	91.0	92.9
≥ 1200 ≥ 1000	93.4	96.4	96.2	94.4	_		94.6	96.3	94.6	94.6	96.3	94.6	96.4	96.4	94.1	94.9
≥ 900 ≥ 800	93.9	47.2		96.7	97.3	96.7	96.8	97.4	96.8	97.4	96.8	96.8	96.9	96.9	96.9	97.1
≥ 700 ≥ 600	96.1	97.4	97.7	97.7	97.7	97.7	97.0	97.8	97.7	97.7	97.7 97.8	97.7	97.8	97.8	97.0	98 d
≥ 500 ≥ 400	97.2	98.0 98.6	94.8		98.9		98.3		98.3	98.3	98.3	98.3	98.4	99.1	98.4	99.7
≥ 300 ≥ 200	97.6	99.1	99.4	99.4	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6 99.8		100.0
≥ 100 ≥ 0	97.8		99.4	99.4		99.6	99.7	99.7	99.7 99.7	99.7	99.7	99.7 99.7	99.8	99.8		100.0

TOTAL NUMBER OF OBSERVATIONS

CATA PROCESSING DIVISION SAF ETAC AIR FEAT FR SERVICE/MAC

CEILING VERSUS VISIBILITY

- EST SMITH WE TSTANDING PT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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| CERING                     |                      |                      |              |                      |                      |                      | v                    | ISIBILITY (ST        | ATUTE MILE           | S:                   |                      |              |                      |                      | -                    |              |
|----------------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|
| FEET                       | ≥ 10                 | ≥ 6                  | ≥ 5          | ≥ 4                  | ≥ 3                  | ≥ 21/2               | ≥ 2                  | ≥ 1%                 | ≥ 1%                 | ≥ 1                  | ≥ ¾                  | ≥ 5/8        | ≥ 1/3                | ≥ 5,16               | ≥ ¼                  | ≥ 0          |
| NO CEILING<br>≥ 20000      | 44.1                 | 44.2                 | 44.3         | 44.3                 | 44.4                 | 44.4                 | 44.5                 | 44.5                 | 44.5                 | 44.7                 | 45.1                 | 45.1         | 45.1                 | 45.1                 | 45.2                 | 45.7         |
| ≥ 18000<br>≥ 16000         | 45.4                 | 45.5                 | 45.6         | 45.6                 | 45.7                 | 45.7                 | 45.0                 | 45.8                 | 45.8                 | 40.0                 | 46.3                 | 46.3         | 46.3                 | 46.3                 | 40.5                 | 46.6         |
| ≥ 14000<br>≥ 12000         | 45.8                 | 45.9                 | 40.0         | 46.0                 | 46.1                 | 46.1                 | 40.2                 | 46.2                 | 46.2                 | 46.5                 | 46.8                 | 46.8         | 46.8                 | 46.8                 | 46.9                 | 47.0         |
| ≥ 10000<br>≥ 9000          | 50.9                 | 51.1<br>52.9         | 51.2         | 51.2<br>53.0         | 51.3<br>53.1         | 51.3<br>53.1         | 51.4<br>53.2         | 51.4<br>53.2         | 51.4<br>53.2         | 51.6<br>53.4         | 51.9<br>53.8         | 51.9         | 51.9<br>53.8         | 51.9<br>51.8         | 52.0                 | 52.2         |
| ≥ 8000<br>≥ 7000           | 54.7<br>57.8         | 55.2<br>58.3         | 55.4<br>58.6 | 55.4<br>58.7         | 55.5<br>58.8         | 55.5<br>58.8         | 55.6<br>58.9         | 55.6<br>58.9         | 55.6<br>58.9         | 55.8<br>59.1         | 56.1<br>59.5         | 56 · 1       | 56.1<br>59.5         | 56,1                 | 56 · 3               | 56.5<br>59.8 |
| ≥ 6000<br>≥ 5000           | 58.7                 | 59.1                 | 59.5         | 59.6<br>62.7         | 59.7                 | 59.7                 | 59.8                 | 59.8<br>62.9         | 59.8                 | 60.0                 | 60.3                 | 60.1         | 6.63                 | 60.3                 | 60.5                 | 60.6<br>63.8 |
| ≥ 4500<br>≥ 4000           | 02.6                 | 65.6                 | 63.3         | 63.4                 | 63.5                 | 63.5                 | 63.7                 | 63.7                 | 63.7                 | 63.9                 | 64.2                 | 64.2         | 64.2                 | 64.2                 | 64.4                 | 64.9         |
| ≥ 3500<br>≥ 3000<br>≥ 2500 | (5.8<br>:9.2         | 66.3<br>70.0         | 70.3         | 70.5                 | 70.0                 | 70.6                 | 67.0<br>70.8         | 70.8                 | 67.0<br>70.8         | 67.2<br>71.0         | 67.5<br>71.3         | 67.5<br>71.3 | 67.5                 | 07.5<br>71.3         | 71.5                 | 71.6         |
| ≥ 2000<br>≥ 2000<br>≥ 1800 | 72.3<br>75.9<br>77.2 | 73.3<br>77.2<br>78.5 | 73.7         | 73.9                 | 74.0<br>78.0<br>79.2 | 74.0<br>78.0<br>79.2 | 74.1<br>78.1<br>79.4 | 74.1                 | 74.1<br>78.3<br>79.6 | 74.3<br>78.5<br>79.8 | 74.8                 | 74.8         | 79.0                 | 74.8<br>79.0         | 75.1                 | 75.2         |
| ≥ 1500                     | 79.9<br>04.1         | 81.2<br>85.8         | 78.9<br>81.8 | 79.1<br>82.0<br>86.7 | 87.2                 | 87.2                 | 82.5                 | 79,6<br>82.7<br>87.8 | 87.8                 | 79.8<br>82.9         | 80.3<br>83.4<br>88.7 | 80.3         | 80.3<br>83.4<br>88.7 | 80.3<br>83.4<br>88.7 | 80.3<br>83.7<br>88.9 | 80.6<br>83.8 |
| ≥ 1000                     | 65.8                 | 88.6<br>88.3         | 88.7         | 89.1                 | 89.8<br>90.1         | 89.8<br>90.1         | 90.4                 | 90.5                 | 90.5                 | 90.9                 | 91.4                 | 91.4         | 91.5                 | 91.5                 | 91.7                 | 91.0         |
| ≥ 800                      | 7.1                  | 89.5                 | 90.3         | 90.8                 | 91.5                 | 91.6                 | 92.5                 | 92.4                 | 92.6                 | 92.7                 | 93.7                 | 93.7         | 93.4                 | 93.4                 | 93.7                 | 93.8         |
| ≥ 600                      | 57.0                 | 90.3                 | 91.2         | 91.6                 | 92.7                 | 92.7                 | 94.6                 | 93.7                 | 93.7                 | 95.6                 | 96.1                 | 96.1         | 96.5                 | 94.8                 | 95.1                 | 95.2         |
| ≥ 400                      | 39.1                 | 92.4                 | 93.2         | 93.7                 | 94.7                 | 94.7                 | 95.4                 | 95.7                 | 95.7                 | 97.1                 | 97.2                 | 97.7         | 97.6                 | 97.6                 | 98.7                 | 98.9         |
| ≥ 200                      | 89.1                 | 92.5                 | 93.5         | 94.0                 | 95.4                 | 95.4                 | 96.0                 | 96.3                 | 96.3                 | 97.3                 | 98.0                 | 98.0         | 98.8                 | 98.8                 | 99.5                 | 99.7         |
| ≥ 0                        | :9.1                 | 42.5                 | 93.5         | 94.0                 | 95.4                 | 95.4                 | 96.0                 | 96.3                 | 96.3                 | 97.3                 | 98.0                 | 98.0         | 98.8                 | 98.8                 | 99.6                 | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

NATA PROCESSING MIMISION USAF ETAC AIR MEATHER NEWVICEMMAC

## CEILING VERSUS VISIBILITY

261.12 Film T Shiftle Lot T WILL APT

\_ <del>57=66</del>

<del>-0189-050c</del>

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIUNG                |                   |              |      |              |              |              | v            | ISIBILITY IST | ATUTE MILE   | (S)          |              |              |              |               |              |              |
|-----------------------|-------------------|--------------|------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| FEET                  | ≥ 10              | ≥ 6          | ≥ 5  | ≥ 4          | ≥ 3          | ≥ 2½         | ≥ 2          | ≥ 1 1/2       | ≥ 1%         | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ %          | ≥ 5,16        | ≥ 4          | ≥ 0          |
| NO CEILING<br>≥ 20000 | ئۇنى ود<br>ئىنى ق | 41.1<br>42.8 | 41.3 | 41.4         | 41.6         | 41.6         | 41.0         | 41.5          | 41.8         | 42.3         | 42.4         | 42.4         | 42.5         | 42.5          | 42.5         | 43.5         |
| ≥ 18000<br>≥ 16000    | 42.7              | 42.6<br>43.0 | 43.0 | 43.1         | 43.3         | 43.3         | 43.5         | 43.5          | 43.5         |              | 44.1         | 44.1         | 44.2         | 44.2          | 44.5         | 49.3         |
| ≥ 14000<br>≥ 12000    | 42.9              | 43.2         | 43.4 | 43.5         | 43.0         | 43.8         | 44.0         | 44.0          | 44.0         | 44.4         | 44.5         | 44.5         | 44.6         | 44.6          | 44.9         | 45.7         |
| ≥ 10000<br>≥ 9000     | 47.7              | 48.1         | 48.5 | 48.4         | 45.0         | 48.6         | 48.8<br>50.1 | 48.8          | 50.1         | 49.2         | 49,4<br>50.6 | 50.4         | 49.5<br>50.8 | \$9.5<br>50.8 | 49.6         | 50.5<br>51.8 |
| ≥ 8000<br>≥ 7000      | 51.9<br>54.5      | 52.6<br>55.3 | 52.8 | 52.9<br>55.6 | 53.1<br>55.8 | 53.1<br>55.6 | 36.0         | 56.0          | 53.3         | 56.5         | 53.9<br>56.6 | 55.0         | 56.7         | 56.7          | 59.3         | 55.1<br>57.8 |
| ≥ 6000<br>≥ 5000      | 35.4              | 55.1<br>57.4 | 50.3 | 56.5<br>57.7 | , ,          | 56.7<br>58.0 | 50.9<br>58.2 | 56.9<br>58.2  | 56.9         | 57.3<br>58.6 | 57.4<br>58.7 | 57.4         | 57.5<br>58.8 | 57.5<br>58.6  | 58.0<br>59.2 | 58.7         |
| ≥ 4500<br>≥ 4000      | 28.7              | 59.6<br>61.5 | 59.6 | 59.9         |              | 60.1         | 6003         | 60.3          | 62.7         |              | 60.9         | 60.9         | 61.0         | 63.3          | 63.4         | 62.2         |
| ≥ 3500<br>≥ 3000      | 62.0              | 63.0         | 63.3 | 67.1         |              | 67.3         | 63.9         |               |              | 68.0         | 64.4         | 64.4         | 64.5         | 64.5          | 66.6         | 69.4         |
| ≥ 2500<br>≥ 2000      | 59.2              | 70.8         | 71.3 | 71.4         | 1            | 71.6         | 75.3         | 75.3          | 71.8         |              | 72.4         | 72.4         | 72.5         | 76.2          | 76.7         |              |
| ≥ 1800<br>≥ 1500      | 73.1<br>76.0      |              | 78.6 | 78.7         | 78.9         | 75.7<br>78.9 | 79.1         | 79.1          | 75.9<br>79.1 | 79.7         |              | 76.8<br>80.4 | 40.5         | 80.5          | 81.0         | 81.7         |
| ≥ 1200<br>≥ 1000      | 52.5              | 85.3         | 36.1 | 86.5         | 87.0         | 87.0         | 83.9         | 87.6          | 67.6         | 88.6         | 89.6         | 85.4         | 89.6         | 89.6          | 90.0         | 90.8         |
| ≥ 900<br>≥ 800        | 89.5              | 87.4         | 88.5 | 86.8         | 89.4         | 89.4         | 89.9         | 90.0          |              | 91.1         | 91.9         | 91.9         | 92.2         | 92.2          | 92.0         | 23.3         |
| ≥ 700<br>≥ 600        | 04.7<br>54.8      | 68.3         | 89.6 | 90.0         | 90.0         | 90.5         | 91.1         | 90.8          | 90.8         | 92.6         | 93.6         |              | 93.7         | 93.7          | 94.1         | 94.8         |
| ≥ 500<br>≥ 400        | 45.7              | 89.1         | 90.5 | 91.1         | 91.4<br>91.8 | 91.8         | 92.5         | 92.7          | 92.9         | 94.1         | 94.9         | 94.4         | 95.2         | 95.2          | 95.7         | 96.5         |
| ≥ 300<br>≥ 200        | 66.2              | 90.0         | 91.5 | 92.2         | 92.6         | 92.9         | 93.7         | 93.9          | _            | 95.3         | 96.3         | 96.7         | 97.2         | 97.2          | 97.8         | 95.9         |
| ≥ 100<br>≥ 0          | 10.7              |              | ,    |              | 93.2         |              | 94.1         |               | 94.5         | 95,8<br>95,8 |              | 97.3         | , - ,        |               | 98.4         | 99.7         |

TOTAL NUMBER OF OBSERVATIONS 940

SATA PROCESSING SIVERIUM SSAF EYAS

- COLANGE FIRST STATES TO STANDING APT

AIR PEATHER DERVICE/MAC

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0600 <del>1000</del>

| CEILING               |              |              |      |              |      |        | V            | ISIBILITY (ST | ATUTE MILE   | 51   |      |       |      |        |      |      |
|-----------------------|--------------|--------------|------|--------------|------|--------|--------------|---------------|--------------|------|------|-------|------|--------|------|------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5  | ≥ 4          | ≥ 3  | ≥ 21/5 | ≥ 2          | ≥ 1%          | ≥ 11/4       | ≥ 1  | ≥ %  | ≥ 5/8 | ≥ %  | ≥ 5/16 | ≥ ¼  | ≥ 0  |
| NO CFILING<br>≥ 20000 | 55.9<br>18.5 | 36.0         | 30.0 | 36.0         | 36.0 | 30.0   | 36.2         | 36.2          | 36.2<br>38.8 | 36.5 | 36.8 | 36.ª  | 37.3 | 37.4   | 37.4 | 37.6 |
| ≥ 18000<br>≥ 16000    | 30.9         | 39.0         | 39.0 | 39.0         | 39.0 | 39.0   | 39.2<br>39.8 | 39.2          | 39.2         | 39.5 | 39.8 | 39.8  | 40.4 | 40.5   | 40.5 | 40.8 |
| ≥ 14000<br>≥ 12000    | 40.0         | 40.1         | 40.1 | 40.1         | 40.1 | 40.1   | 40.3         | 40.3          | 40.3         | 40.5 | 40.9 | 40.2  | 41.5 | 41.5   | 41.6 | 41.8 |
| ≥ 10000<br>≥ 9000     | 44.0         | 44.1         | 44.1 | 44.1         | 44.1 | 44.1   | 44.3         | 44.3          | 44.3         | 44.5 | 44.8 | 44.8  | 45.5 | 45.6   | 45.0 | 45.A |
| ≥ 8000<br>≥ 7000      | 50.0         | 20.2         | 50.2 | 50.3         | 50.3 | 50.3   | 50.5         | 50.5          | 50.5         | 50.8 | 51.1 | 51.1  | 51.7 | 51.8   | 51.8 | 57.0 |
| ≥ 6000<br>≥ 5000      | 54.4         | 54.9         | 54.9 | 55.1<br>50.8 | 35.1 | 55.1   | 35.4         | 57.1          | 55.4         | 55.6 | 55.9 | 55.9  | 56.6 | 56.7   | 56.7 | 56.9 |
| ≥ 4500<br>≥ 4000      | 58.1         | 59.6         | 50.6 |              | 58.8 | 58.8   | 39.1         | 59.1          | 59.1         | 59.4 | 59.7 | 59.7  | 50.3 | 67.2   | 60.4 | 60.6 |
| ≥ 3500<br>≥ 3000      | 61.8         | 02.6         | 62.6 | 62.8         | 62.8 | 62.8   | 63.1         | 63.1          | 63.1         | 63.3 | 63.7 | 63.7  | 64.3 | 64.4   | 64.4 | 64.4 |
| ≥ 2500<br>≥ 2000      | 68.7         | 69.7         | 69.7 | 69.9         | 69.9 | 69.9   | 70.2         | 70.2          | 70.2         | 70.4 | 70.8 | 70.8  | 71.4 | 71.5   | 71.7 | 71.7 |
| ≥ 1800<br>≥ 1500      | 73.5         | 74.5         | 74.6 |              | 75.2 | 79.2   | 75.5         | 75.6          | 75.6         | 75.9 | 76.2 | 76.2  | 76.9 | 77.0   | 77.0 | 77.2 |
| ≥ 1200<br>≥ 1000      | 79.9         | 82.3         | 82.7 | 83.2         | 83.3 | 83.3   | 83.8         |               | 84.0         | 84.3 | 84.9 | 84.9  | 85.9 | 86.0   | 86.0 | 86.2 |
| ≥ 900<br>≥ 800        | 33.9         | 86.5<br>88.0 | 86.9 |              | 87.7 | 87.7   | 88.4         | 88.7          | 88.8         | 89.1 | 90.2 | 90.2  | 91.2 | 91.3   | 91.3 | 91.7 |
| ≥ 700<br>≥ 600        | 85.5<br>50.1 | 88.8         | 88.8 | 87.4         | 89.7 | 89.7   | 90.3         | 90.6          | 90.8         | 91.3 | 92.4 | 92.4  | 93.4 | 93.5   | 93.5 | 93.8 |
| ≥ 500<br>≥ 400        | 10.0         | 69.5         | 90.4 | 91.0         | 91.3 | 91.3   | 92.2         | 92.6          | 92.7         | 93.3 | 94.4 | 94.4  | 95.5 | 95.6   | 95.6 | 95.R |
| ≥ 300<br>≥ 200        | 67.3         | 90.4         | 91.5 | 92.0         | 92.5 | 92.5   |              | 93.9          | 94.0         | 94.8 | 95.9 | 95.9  | 97.0 | 97.1   | 97.1 | 97.3 |
| ≥ 100<br>≥ 0          | 57.3         | 90.4         | 91.6 | 92.2         | 92.6 | 92.6   |              | 94.3          | 94.4         | 95.4 | 96.5 | 96.7  | 98.2 | 98.3   | 98.6 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

ATA PROCESSING TIVESTAN SAF ETAG AIR MEATURN SEMMICEMMAL

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRE

-0988-1300

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CERING                |              |              |      |              |              |              | v                | ISIBILITY -ST | ATUTE MILE | ES)          |              |              |       |              |                  |              |
|-----------------------|--------------|--------------|------|--------------|--------------|--------------|------------------|---------------|------------|--------------|--------------|--------------|-------|--------------|------------------|--------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5  | ≥ 4          | ≥ 3          | ≥ 2'2        | ≥ 2              | ≥ 1%          | ≥ 1%       | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ 1/2 | ≥ 5/16       | ≥ %              | ≥ 0          |
| NO CEILING<br>≥ 20000 | 11.5         | 31.6         | 31.7 | 31.7         | 31.9         | 31.9         | 31.9             | 32.0          | 32.0       | 32.2         | 32.2         | 32.2         | 32.2  | 32.2         | 32.3             | 37.3         |
| ≥ 18000<br>≥ 16000    | 36.0         | 30.1         | 30.2 | 36.5<br>47.8 | 36.5         | 36.5         | 36.5<br>37.8     | 36.6          | 36.6       | 36.7<br>38.1 | 36.7<br>38.1 | 36.7         | 30.7  | 36.7         | 36 • 8<br>38 • 2 | 36.8         |
| ≥ 14000<br>≥ 12000    | 38.2         | 38.3         | 38.4 | 38.6         | 38.0         | 38.6         | 38.0             | 38.7          | 38.7       | 38.8         | 18.8         | 38.8         | 48.8  | 38.8         | 38.9             | 38.9         |
| ≥ 10000<br>≥ 9000     | 42.2         | 42.3         | 42.4 | 42.6         | 42.6         | 42.6         | 42.0             | 42.7          | 42.7       | 42.8         | 42.8         | 42.5         | 42.8  | 42.8         | 42.9             | 42.9         |
| ≥ 8000<br>≥ 7000      | 49.4         | 49.5         | 49.6 | 49.8         | 49.8         | 49.8         | 49.8             | 49.9          | 49.9       | 50.0<br>54.2 | 50.0         | 50 • 0       | 50.0  | 50.0         | 50 • i           | 50 · 1       |
| ≥ 6000<br>≥ 5000      | 23.5<br>56.8 | 34.0         | 54.2 | 54.4         | 54.4         | 54.4         | 54.4             | 54.5<br>55.8  | 54.5       | 54.6         | 56.0         | 54.7         | 54.8  | 54.8         | 54.9             | 54.9         |
| ≧ 4500<br>≥ 4000      | 75.3         | 55.7         | 55.9 | 56 . 1       | 56.1         | 56.1<br>58.8 | 56 . 1<br>58 . 8 | 56.2<br>68.9  | 56.2       | 56.3         | 56.5         | 56 · 5       | 56.7  | 56.7<br>59.4 | 56.6<br>59.5     | 56.6<br>59.5 |
| ≥ 3500<br>≥ 3000      | 58.5         | 58.9<br>61.5 | 59.1 | 59.4         | 59.4         | 59.4         | 59.4             | 59.5          | 59.5       | 59.6         | 59.7         | 59.7         | 59.9  | 59.9         | 60.0             | 60.0         |
| ≥ 2500<br>≥ 2000      | 65.2         | 65.9         | 70.1 | 66.3         | 66.3<br>70.5 | 66.3         | 70.5             | 66.5<br>70.6  | 56.5       | 66.6         | 66.7         | 66.7         | 66.9  | 66.9         | 67.0             | 67.0         |
| ≥ 1800<br>≥ 1500      | 70.4         | 71.4         | 71.0 | 72.0         | 72.0         | 72.0         | 72.0             | 72.2          | 72.2       | 72.4         | 72.5         | 72.5         | 72.7  | 72.7         | 72.8             | 72.8<br>76.8 |
| ≥ 1200<br>≥ 1000      | 77.2         | 78.9<br>82.6 | 79.2 | 79.9         | 80.1         | 80.1         | 80.1<br>84.1     | 80.3          | 80.3       | 80.5         | 80.9         | 80.7<br>85.1 | 81.1  | 81.1         | 81.2             | 81.2         |
| ≥ 900<br>≥ 800        | 72.4         | 84.6         | 84.9 | 87.6         | 86.4         | 86.3         | 86.3             | 96.7<br>89.0  | 86.7       | 87.0         | 90.0         | 87.3         | 87.5  | 87.5<br>90.2 | 57.6             | 97.6         |
| ≥ 700<br>≥ 600        | 85.2<br>65.0 | 67.6         | 88.0 | 88.7         | 90.3         | 89.8<br>90.4 | 89.9             | 90.2          | 90.2       | 90.6         | 91.3         | 91.3         | 91.5  | 91.5         | 91.6             | 91.6         |
| ≥ 500<br>≥ 400        | 7.8          | 89.1<br>90.8 | 89.7 | 90.5         | 91.6         | 91.8         | 91.9             | 92.4          | 92.4       | 93.0         | 93.8         | 93.9         | 94.1  | 94.1         | 94.2             | 94.7         |
| ≥ 300<br>≥ 200        | 6.0          | 91.0         | 91.5 | 92.4         | 93.7         | 93.9         | 94.2             | 94.7          | 94.7       | 95.9         | 90.8         | 96.8         | 97-1  | 97.1         | 97.4             | 97.6         |
| ≥ 100<br>≥ 0          | 98.1         | 91.1         | 91.6 |              | 94.2         | 94.4         | 94.7             | 95.3          | 95.3       | 96.7         | 97.6         | 97.6         | 98.2  | 94.3         | 1                | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

TATA PROCESSING MIVISION

### **CEILING VERSUS VISIBILITY**

SAF ETAL SERVICE MAL

ELAT SHITE BUT STANDH NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200 R1400

| CELING                |              |              |              |              |              |              | ٧            | ISIBILITY IST | ATUTE MILE   | (S)          |              |              |              |              |               |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 21/2       | ≥ 2          | ≥ 1½          | ≥ 11/4       | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ 1/2        | ≥ 5/16       | ≥ ¼           | ≥ 0          |
| NO CEILING<br>≥ 20000 | 30.1         | 30.1         | 30.1         | 30.1         | 30.1         | 30.1         | 30.1         | 30.1          | 30.1         | 30.1         | 30.1         | 30.1         | 30.1         | 30.1         | 30 · 1        | 30.1         |
| ≥ 18000<br>≥ 16000    | 34.1         | 34.1         | 34.1         | 34.1         | 34.1         | 34.1         | 34.1         | 34.1          | 34.1         | 34.1         | 34.1         | 34.1         | 34.1         | 34.1         | 34.1          | 34.1         |
| ≥ 14000<br>≥ 12000    | 15.5         | 35.5         | 35.5         | 35.5         | 35.5         | 35.5         | 35.5         | 35.5          | 35,5         | 35.5         | 35.5         | 35.5         | 35.5<br>36.8 | 35.5         | 35,5          | 35,5         |
| ≥ 10000<br>≥ 9000     | 40.3         | 40.3         | 40.3         | 40.3         | 40.3         | 40.3         | 40.3         | 40.3          | 40.3         | 40.3         | 40.3         | 40.3         | 40.3         | 40.3         | 40.3          | 40.3         |
| ≥ 8000<br>≥ 7000      | 48.8         | 48.8         | 48.8         | 48.8         | 48.8         | 48.8         | 48.8         | 48.8<br>51.7  | 48.8         | 48.8         | 48.8         | 48.6<br>51.7 | 48.8         | 48.8         | 48.8          | 48.8         |
| ≥ 6000<br>≥ 5000      | 32.6         | 22.6         | 54.2         | 52.6<br>54.2 | 52.6         | 52.6         | 52.6         | 52.6<br>54.2  | 52.6         | 52.6<br>54.2 | 52.6<br>54.2 | 52.5         | 52.6         | 52.6<br>54.2 | 52.6<br>54.2  | 52.6<br>54.2 |
| ≥ 4500<br>≥ 4000      | 34.5<br>55.7 | 54.5         | 54.5<br>55.9 | 54.5<br>55.9 | 54.5<br>55.9 | 54.5         | 54.5         | 54.5<br>55.9  | 54.5         | 54.5<br>55.9 | 54.5<br>55.9 | 54.5         | 54.5<br>55.9 | 54.5         | 54.5<br>-55.9 | 54.5<br>55.9 |
| ≥ 3500<br>≥ 3000      | 56.7<br>56.9 | 56.9<br>59.1 | 56.9<br>59.2 | 56.9<br>59.2 | 56.9<br>59.2 | 56.9<br>59.2 | 56.9<br>59.4 | 56.9<br>59.4  | 56.9<br>59.4 | 56.9<br>59.4 | 56.9<br>59.4 | 56.9<br>59.4 | 56.9<br>59.4 | 56.9<br>57.4 | 56.9<br>59.4  | 56.9<br>59.4 |
| ≥ 2500<br>≥ 2000      | 54.0<br>68.4 | 64.2<br>08.6 | 64.3         | 64.3         | 64.3         | 64.3         | 64.4         | 64.4          | 64.4         | 64.4         | 64.4         | 64.4         | 64.4         | 64.4         | 64.4          | 64.4         |
| ≥ 1800<br>≥ 1500      | 70.1<br>76.0 | 70.3<br>76.3 | 70.4<br>76.5 | 70.4<br>76.6 | 70.4         | 70.4<br>76.6 | 70.6         | 70.8          | 70.8         | 70.9<br>77.1 | 70.9         | 70.9         | 70.9         | 70.9<br>77.4 | 70.9          | 77.4         |
| ≥ 1200<br>≥ 1000      | 30.8         | #1.2<br>#5.7 | 81.4         | 81.5         | 86.1         | 81.5<br>86.1 | 81.7         | 81.8          | 81.8         | 86.7         | 87.2         | 82.5         | 82.5<br>87.2 | 82.5         | 82.5<br>87.3  | 82.5         |
| ≥ 900<br>≥ 800        | 65.7         | 86.5<br>88.4 | 80.8         | 86.9         | 87.0<br>89.1 | 87.0         | 87.2         | 87.3          | 87.3         | 87.5<br>89.9 | 90.6         | 90.6         | 90.6         | 88.2         | 90.8          | 90.8         |
| ≥ 700<br>≥ 600        | 86.5<br>59.7 | 89.5<br>90.6 | 84.8<br>91.0 | 90.0         | 90.3<br>91.6 | 90.3         | 90.6         | 90.9          | 90.9         | 91.4         | 92.3         | 92.3         | 92.3         | 92.4<br>93.8 |               | 92.4         |
| ≥ 500<br>≥ 400        | 91.2         | 92.4<br>93.2 | 92.7         | 93.0         | 93.4         | 93.4         | 94.9         | 94.4          | 94.4         | 95.1<br>96.2 | 95.9         | 96.0         | 96.0         |              | 98.0          |              |
| ≥ 300<br>≥ 200        | 92.5         | 93.7<br>93.9 | 94.0         | 94.5         |              | 94.8         | 95.7         | 96.2          | 90.2         | 97.0         | 98.3<br>98.8 | 98.5         | 98.7         | 99.0         |               | 99.2         |
| ≥ 100<br>≥ 0          | 92.7         | 93.9<br>93.9 | 94.3         | 94.6         | 95.2         | 95.2         | 96.0         |               |              | 97.4         | 98.6<br>98.8 | 99.0         | 99.5         |              |               | 100.0        |

TOTAL NUMBER OF OBSERVATIONS .....

MATA PERCESSIN DIVISION SAF ETAC SER SEATHER SERVICENIAC

#### CEILING VERSUS VISIBILITY

2010 FIRST SALTED AND STATEMENT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1589 m 1.700

| CEIUNG                |              |              |              |              |              |              | v            | ISIBILITY (ST | ATUTE MILE   | :S)          |              |                  |              |              |                  |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|------------------|--------------|--------------|------------------|--------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 212        | ≥ 2          | ≥ 1%          | ≥ 1%         | ≥ 1          | ≥ ¾          | ≥ 5/8            | ≥ %          | ≥ 5, 16      | ≥ %              | ≥ 0          |
| NO CEILING<br>≥ 20000 | 12.0         | 32.0<br>47.5 | 32.0         | 32.0         | 32.0         | 32.0         | 32.0         | 32.0          | 32.0         | 32.0         | 32.2<br>27.6 | 32.2             | 32.2         | 37.2         | 32.2             | 32.2         |
| ≥ 18000<br>≥ 16000    | 47.7         | 37.7         | 37.7         | 37.7<br>38.3 | 37.7         | 37.7         | 37.7         | 37.7<br>28.3  | 37.7         | 37.7<br>38.3 | 37.8<br>38.4 | 37.8             | 37.8         | 37.8<br>38.4 | 37.8             | 37.8<br>38.4 |
| ≥ 14000<br>≥ 12000    | 39.1         | 39.1         | 39.1         | 39.1         | 39 · 1       | 39.1         | 39.1         | 39.1          | 39.1         | 39.1         | 39.2         | 39.2             | 39.2         | 39.2         | 39.2             | 39.2         |
| ≥ 10000<br>≥ 9000     | 45.4         | 45.4         | 45.4         | 45.4         | 45.4         | 45.4         | 45.4         | 45.4          | 45.4         | 45.4         | 45.5         | 45.5             | 45.5         | 45.5         | 47.6             | 45.5         |
| ≥ 8000<br>≥ 7000      | 2.3<br>56.1  | 52.3         | 52.3         | 52.3         | 52.3         | 52.3<br>56.1 | 52.3         | 52.3<br>56.1  | 52.3<br>56.1 | 52.3         | 52.4         | 52.4<br>56.2     | 52.4<br>56.2 | 52.4<br>56.2 | 52.4             | 52.4         |
| ≥ 6000<br>≥ 5000      | 56.7         | 56.8<br>58.2 | 56.9         | 56.9         | 56.9         | 57.0<br>58.4 | 57.0<br>38.4 | 57.0          | 57.0         | 57.0         | 57.1<br>58.5 | 57.1             | 57.1<br>58.5 | 57.1<br>58.5 | 57 · 1           | 57.1<br>58.3 |
| ≥ 4500<br>≥ 4000      | 60.6         | 58.2         | 58.3         | 58.3         | 58.3         | 58.4         | 58.4         | 58.4          | 58,4         | 58.4         | 58.5         | 58.5             | 58.5         | 58.5         | 58.5             | 58.5         |
| ≥ 3500<br>≥ 3000      | 61.2         | 01.4         | 61.5         | 61.5         | 63.9         | 61.6         | 61.6         | 61.6          | 61.6         | 61.6         | 61.7         | 61.7             | 61.7         | 61.7         | 61.7             | 61.7         |
| ≥ 2500<br>≥ 2000      | 66.6         | 72.7         | 67.0<br>72.9 | 67.1<br>73.1 | 67.1<br>73.1 | 67.2         | 67.3<br>73.3 | 67.3          | 67.3         | 67.3         | 67.4         | 67.4             | 67.4<br>73.4 | 67.4         | 67.4             | 73.6         |
| ≥ 1800<br>≥ 1500      | 74.3         | 74.5<br>80.4 | 74.7         | 74.9<br>80.9 | 74.9         | 75.1<br>81.1 | 75.2<br>81.2 | 75.2          | 75.2         | 75.2         | 75.3         | 75.3<br>81.3     | 75.3<br>81.3 | 75.3         | 75.3             | 75.3         |
| ≥ 1200<br>≥ 1000      | 54.0         | 84.8         | 85.3<br>88.2 | 85.5         | 85.6         | 85.7<br>88.9 | 85.8         | 85.8<br>89.1  | 85.8         | 85.9         | 86.2         | 86 . 2<br>89 . 6 | 86.2         | 86.2         | 89.4             | 86.2         |
| ≥ 900<br>≥ 800        | 88.0<br>89.7 | 89.0<br>90.8 | 89.6<br>91.3 | 89.8<br>91.6 | 90.2         | 90.4         | 90.5         | 90.6          | 90.6<br>98.3 | 90,8         | 91.1         | 91.1             | 91.3         | 91.3<br>93.8 | 91.4             | 91.4         |
| ≥ 700<br>≥ 600        | 91.2         | 92.3<br>92.8 | 92.9<br>93.5 | 93.2         | 93.9         | 94.2         | 94.4         | 94.7          | 94.7         | 95,1         | 95.7         | 95.7             | 95.9<br>96.7 | 95.9         | 96 • 0<br>96 • 8 | 96.8         |
| ≥ 500<br>≥ 400        | 92.5         | 93.7         | 94.4         | 94.8         | 94.9         | 95.3         | 95.6         | 95.9          | 95.9         | 96.5         | 97.2         | 97.4             | 97.7<br>98.7 | 97.7<br>98.7 | 98.0             | 99.0         |
| ≥ 300<br>≥ 200        | 94.6         | 93.6         | 94.5         | 94.9         | 95.6         | 95.9         | 90.4         | 96.6          | 96.6         | 97.2         | 98.0         | 98.2             | 98.9         | 98.9         | 99.4             | 99.7         |
| ≥ 100<br>≥ 0          | 92.6         |              | 94.5         | 94.9         | 95.7<br>95.7 | 96.0<br>96.0 | 96.3         | 96.7<br>96.7  | 96.7         | 97.3         | 98.1         | 98.3             | 99.1         | 99.1         |                  | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION USAF ETAC AIR HEAT ER SERVICEMBAC

- 24/162 FULL SALTE ENTSTANDIANEAPT -

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 400 m 2000

| CEIL NG               | :            | -            |              |              |              |              | v            | ISIBILITY ST | ATUTE MILE   |              |              |              |              |              |              | ]             |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 2%         | ≥ 2          | ≥ 1%         | ≥ 1%         | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ %          | ≥ 5/16       | ≥ ¼          | ≥ 0           |
| NO CE:LING<br>≥ 20000 | 36.2         | 36.2         | 36.2         | 36.2         | 36.3         | 36.3         | 36.3         | 36.3         | 36.3         | 36.3         | 36.5         | 36.5         | 36.5         | 36.5         | 36.7         | 36.4          |
| ≥ 18000<br>≥ 16000    | 19.5         | 39.5<br>40.3 | 39.5         | 39.5         | 39.6         | 39.6         | 39.0         | 39.6         | 39.6         | 39.6         | 39.7         | 39.7         | 39.7         | 39.7         | 39.9         | 40.0          |
| ≥ 14000<br>≥ 12000    | 41.0         | 41.6         | 41.0         | 41.6         | 41.7         | 41.7         | 41.7         | 41.7         | 41.7         | 41.7         | 41.8         | 41.8         | 41.8         | 41.6         | 42.0         | 44.8          |
| ≥ 10000<br>≥ 9000     | 47.4         | 47.4         | 47.4         | 47.4         | 47.6         | 47.6         | 47.6         | 47.6         | 47.6         | 47.6         | 47.7         | 47.7         | 47.7         | 47.7         | 48.0         | 49.1          |
| ≥ 8000<br>≥ 7000      | 52.3<br>57.0 | 52.3         | 52.3<br>57.2 | 52.3<br>57.2 | 57.4         | 52.5<br>37.4 | 57.4         | 52.5<br>57.4 | 52.5<br>57.4 | 52.5<br>57.4 | 52.6         | 52.6<br>57.5 | 52.6<br>57.5 | 52.6<br>57.5 | 52.d         | 52.9<br>57.8  |
| ≥ 6000<br>≥ 5000      | 57.6<br>59.7 | 57.8<br>59.9 | 57.8<br>59.9 | 57.8<br>59.9 | 58.1         | 58.1<br>60.1 | 58 · 1       | 58.1<br>60.1 | 58.1         | 58.1         | 58.2         | 56.2         | 50.2         | 58.2<br>60.2 | 58.4<br>60.4 | 56.5<br>60.5  |
| ≥ 4500<br>≥ 4000      | 50.2         | 00.4         | 60.5         | 60.5         | 60.8         | 60.8         | 60.8         | 60.8         | 60.8         | 60.8         | 60.9         | 60.9         | 60.9         | 60.9         | 61.1         | 61.2          |
| ≥ 3500<br>≥ 3000      | 99.8         | 66.0<br>68.2 | 66.1         | 66.1         | 66.3         | 68.5         | 66.3         | 66.3         | 66.3         | 66.3         | 66.5         | 68.5         | 66.5         | 68.5         | 66.7         | 66.9          |
| ≥ 2500<br>≥ 2000      | 71.4         | 71.9         | 72.0         | 72.0         | 72.3         | 72.3         | 72.3         | 72.3         | 72.3         | 72.3         | 72.4         | 72.4         | 72.4         | 72.4         | 72.6         | 72.7          |
| ≥ 1800<br>≥ 1500      | 18.3<br>201  | 18.B         | 78.9<br>62.4 | 78.9<br>82.4 | 79.1<br>82.5 | 79.1<br>82.8 | 79.1<br>82.9 | 79.1         | 79.1         | 79.1         | 79.2<br>53.1 | 79.2         | 79.2<br>Laid | 79.2<br>#3.1 | 79.5         | 79.6<br>83.4  |
| ≥ 1200<br>≥ 1000      | 1001         | 47.5         | 85.8         | 85.8<br>87.7 | 88.3         | 86.3<br>88.3 | 86.7         | 86.7         | 86.7         | 87.0         | 87.1         | 87.1         | 87.2         | 87.2<br>59.6 | 87.4         | 87.9          |
| ≥ 900<br>≥ 800        | 67.5         | 88.0<br>88.9 | 88.2         | 88.2         | 90.0         | 90.1         | 90.0         | 90.9         | 90.9         | 91.6         | 91.9         | 91.9         | 90.4         | 90.4         | 90.0         | 90.6          |
| ≥ 700<br>≥ 600        | 6.7          | 90.2         | 91.2         | 90.6         | 91.6         | 91.7         | 93.7         | 92.7         | 92.7         | 93.5         | 93.9         | 93.9         | 94.5         | 94.5         | 94.7         | 94.8          |
| ≥ 500<br>≥ 400        | 9.1          | 91.9         | 91.9         | 92.7         | 93.5         | 93.7         | 94.6         | 94,8<br>95.3 | 94.8         | 95.8         | 96.2         | 96.2         | 97.3<br>9d.3 | 97.1<br>98.3 | 97.2<br>98.5 | 98.6          |
| ≥ 300 ≥ 200           | 9.0          | 92.2<br>92.2 | 92.5         | 92.9         | 94.2         | 94.3         | 95.4         | 95.5         | 95.5         | 96.6         | 97.0         | 97.5         | 98.7         | 99.2         | 98.9         | 99.6          |
| ≥ 100<br>≥ 0          | -9.6<br>-9.0 | 42.2         | 92.5         | 92.9         | 94.2         | 94.3         | 95.4         | 95.7         | 95.7<br>95.7 | 96.8<br>96.8 | 97.2         | 97.5         | 99.4<br>99.4 | 99.4         | 99.7         | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

LATA PROBLESSING DIVIDED ASSETS ETAL ASSET OF ATTHER DESCRIPTION OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE OF A STATE O

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### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<del>→ 1.00π2300</del>

| CE, NG              |                |              |              |              |                  |              | ٧            | ISIBILITY IST | ATUTE MILE   | ES:          |              |              |              |              |                  |              |
|---------------------|----------------|--------------|--------------|--------------|------------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|
| FEET                | ≥ 10           | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3              | ≥ 2 ′2       | ≥ 2          | ≥ 11/2        | ≥ 1%         | ≥ 1          | ≥ ¾          | ≥ 58         | ≥ ,          | ≥ 5 16       | ≥ .              | ≥ 0          |
| NG CEUNG<br>≥ 20000 | 41.9           | 41.9         | 41.9         | 41.9         | 41.9             | 41.7         | 41.9         | 41.9          | 41.9         | 41.9         | 41.9         | 41.13        | 41.9         | 41.0         | 41.9             | 41.7         |
| ≥ 18000<br>≥ 16000  | 43.1           | 43.1         | 43.1         | 43.1         | 43.1             | 43.1         | 43.1         | 43.1          | 43.1         | 43.1         | 43.1         | 43.1         | 43.1         | 43.1         | 43.1             | 43.1         |
| ≥ 14000<br>≥ 12000  | 44.2           | 44.2         | 44.2         | 44.7         | 44.2             | 44.2         | 44.2         | 44.2          | 44.2         | 44.2         | 44.2         | 44.7         | 44.2         | 44.7         | 44.2             | 44.2         |
| ≥ 10000<br>≥ 9000   | >0.0           | 50.0         | 50.0         | 30.0<br>31.3 | 50.0             | 50.0         | 50.0<br>51.3 | 50.0<br>51.3  | 50.0         | 50.0<br>51.3 | 50.0<br>51.3 | 50.0         | 50.0         | 50.0<br>51.3 | 50.0             | 50.0<br>51.3 |
| ≥ 8000<br>≥ 7000    | 54.1           | 54.1         | 54.1         | 54.1         | 54 · 1<br>57 · 3 | 54.1         | 54.2         | 54.2<br>57.4  | 54.2         | 54.2<br>57.4 | 54.2         | 54.2         | 54.2         | 54.2<br>57.4 | 54.2             | 54.2         |
| ≥ 6000<br>≥ 5000    | 57.0           | 57.8         | 57.8         | 57.8         | 57.8             | 57.8         | 58.0         | 58.0          | 58.0         | 58.0         | 58.0         | 58.0         | 50.0         | 51.0         | 56.0             | 58.0         |
| ≥ 4500<br>≥ 4000    | 12.5<br>04.6   | 62.9         | 62.9         | 64.0         | 62.9             | 62.9         | 63.0         | 63.0          | 64.7         | 63.0         | 63.0         | 63.0         | 63.0         | 64.6         | 63.0             | 64.8         |
| ≥ 3500<br>≥ 3000    | 66.5<br>(1.65) | 65.6<br>65.4 | 66.8         | 66.A         | 66.8<br>68.4     | 66.8         | 66.9         | 66.9          | 66.9         | 66.9         | 66.9         | 66.9         | 68.6         | 67.0         | 67.0             | 67.0         |
| ≥ 2500<br>≥ 2000    | 72.0           | 73.4         | 73.4<br>78.4 | 73.4<br>78.5 | 73.4<br>78.5     | 73.4         | 73.5<br>78.6 | 73.5<br>78.6  | 73.5         | 73.5         | 73.5         | 73.5         | 73.7         | 73.7<br>78.8 | 73.7<br>78.8     | 73.7         |
| ≥ 1800<br>≥ 1500    | 78.7           | 19.7         | 79.7         | 79.9<br>82.5 | 80.0             | 80.0<br>83.2 | 80.2<br>83.5 | 80.2<br>83.5  | 80.2         | 80.3<br>83.8 | 80.3<br>83.9 | 80.3         | 80.4         | 80.4<br>84.0 | 80.4             | 80.4<br>84.0 |
| ≥ 1200<br>≥ 1000    | >.1<br>">.7    | #6.7<br>#7.3 | 67.7         | 87.4<br>88.5 | 87.8<br>89.1     | 87.8<br>89.1 | 88.2<br>89.9 | 88.2          | 88.2         | 86.5<br>90.3 | 88.6         | 90.4         | 89.0<br>91.1 | 89.0<br>91.1 | 89.0             | 89.0<br>91.1 |
| ≥ 900<br>≥ 800      | 10.3           | 69.0         | 89.5         | 89.2<br>90.2 | 90.9             | 90.0         | 91.7         | 90.9          | 90.9         | 91.4<br>92.6 | 91.5<br>92.9 | 91.5         | 92.2         | 92.2         | 92.2             | 92.2         |
| ≥ 700<br>≥ 600      | 17.0           | 90.3<br>91.2 | • •          | 91.7         | 92.4<br>93.3     | 92.5         | 93.3<br>94.3 | 93.4          | 93.4         | 94.2         | 94.6         | 94.6         | 95.5         | 97.1         | 95.5             | 97.1         |
| ≥ 500<br>≥ 400      | 88.8<br>66.9   | 91.0<br>91.9 |              | 93.2         | 94.1             | 94.2         |              | 95.2<br>95.3  | 95.2<br>95.3 | 96.5         | 96.9<br>97.0 | 96.9         | 98.1         | 98.1<br>98.2 | 78 • 1<br>98 • 2 | 98.1         |
| ≥ 300<br>≥ 200      | 9.1<br>-9.1    | 92.3<br>92.3 |              | 93.7         | 94.5             | 94.7         | 95.6<br>95.6 | 95.7          | 95.9         | 97.0         | 97.4         | 97.4         | 98.6         | 99.6         | 98.6<br>99.1     | 99.1         |
| ≥ 100               | 9.1            | 92.3         |              | 93.8         | 94.8             | 94.9         | 95.9         | 96.0          | 96.0         |              | 98.1<br>98.1 | 98.1<br>98.1 | 99.6         |              | 100•0<br>100•0   |              |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

TATA PROJECTSSIN DIVINING SAF ETAC CIR FEATHER NEW VICEY FAC

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<del>᠆ᠬᢏᡘᡘᡒᢎᡐ</del>ᠷ<del>ᢙ</del>

| · 8 · ~G                |             |              |              |              |                  |              | · ·          | ISIBILITY ST. | ATUTE MILE              | ES:          |              |              |              | 7            |              |              |
|-------------------------|-------------|--------------|--------------|--------------|------------------|--------------|--------------|---------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                    | ≥ 10        | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3              | ≥ 2'2        | ≥ 2          | ≥ 1%          | ≱ ۱۱۱ خ                 | ≥ 1          | ≥ ¾          | ≥ 5, 8       | ≥ %          | ≥ 5 16       | ≥ '•         | ≥ 0          |
| NC CEIUNG<br>≥ 20000    | 34.4        | 34.9         | 34.9         | 35.0         | 35.2<br>36.4     | 35.2         | 35.4<br>36.7 | 35.4          | 35.4<br>36.7            | 35.4<br>36.7 | 35.4<br>36.7 | 35.4         | 35.4         | 35.4         | 35.4         | 35.4         |
| ≥ 18000<br>≥ 16000      | 35.9        | 46.4         | 36.3<br>36.4 | 36.4<br>36.6 | 36 • 7           | 36.7         | 36.9<br>37.0 | 36.9<br>37.0  | 36.9                    | 36.9<br>37.0 | 30.9         | 36.9<br>37.0 | 36.9         | 36.9<br>37.0 | 30.9<br>37.6 | 36.9<br>37.0 |
| ≥ 14000<br>≥ 12000      | 37.0        | 37.4<br>48.7 | 37.6         | 37.7         | 37.9             | 37.9         | 38.1         | 38.1          | 38.1                    | 38.1         | 38.1         | 38.1         | 36.1         | 38.1         | 38.1         | 34.1         |
| ≥ 10000<br>≥ 9000       | 41.2        | 41.7<br>42.8 | 41.8         | 41.9         | 42.1             | 42.1         | 42.3         | 42.3          | 42.3                    | 42.3         | 42.3         | 42.3         | 42.3         | 42.3         | 42.4         | 42.3         |
| ≥ 8000<br>≥ 7000        | 48.0        | 45.0<br>48.9 | 45.1         | 45.3         | 45.7<br>50.0     | 45.7<br>50.0 | 45.9<br>50.2 | 45.9<br>50.2  | 45.9<br>50.2            | 45.9         | 45.9<br>50.4 | 45.9<br>30.4 | 45.9<br>50.4 | 45.9<br>50.4 | 45.9         |              |
| ≥ 6000<br>≥ 5000        | 46.2        | 30.6         | 49.3<br>50.6 | 49.6<br>50.8 | 50.3             | 50.3<br>51.6 | 50.7<br>52.0 | 50.7<br>52.0  | 50.7                    | 52.1         | 50.9<br>52.2 | 50.7         | 50.9<br>52.2 | 50.9<br>52.2 | 50.9         | 50.9         |
| ≥ 4500<br>≥ 4000        | 39.6        | 6.0¢<br>6.6¢ | 50.9<br>53.6 | 51.1<br>54.0 | 52.0             | 52.0<br>55.2 | 52.4<br>55.7 | 52.4<br>55.7  | 52.4<br>55.7            | 52.6<br>55.8 | 52.7<br>55.9 | 52.7         | 52.7<br>55.9 | 52.7<br>55.9 | 52.7<br>55.9 | 52.7<br>55.9 |
| ≥ 3500 ≥ 3000           | 52.8        | 54.1<br>57.8 | 54.3<br>58.0 | 55.4         | 56 • 1<br>59 • 5 | 56.1<br>59.8 | 56.6<br>60.2 | 56.7          | 56.7                    | 56.8<br>60.6 | 56.9<br>60.7 | 56.9         | 56.9<br>60.7 | 56.9<br>60.7 | 56.9<br>66.7 | 56.9<br>60.7 |
| ≥ 2500<br>≥ 2000        | 9.3<br>0.50 | 61.6         | 61.6         | 66.0         | 67.6             | 63.6         |              | 68.6          | 68.6                    | 64.6         | 64.7<br>64.8 | 68.8         | 68.8         | 64.7<br>68.8 | 64.7         | 68.0         |
| ≥ 1800<br>≥ 1500        | 63.0        | 73.3         | 71.1         | 71.8         | 68.7             | 76.1         | 69.3<br>75.0 | 75.3          | 69.7<br>75.3            | 70.1<br>75.9 | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 76.0         |
| ≥ 1200<br>≥ 1000        | 14.0        | 73.7         | 74.4         | 75.1<br>79.1 | 77.4<br>81.7     | 77.6<br>61.8 | 78.4         | 78.9<br>83.1  | 78.9                    | 80.0         | 84.9         | 86.9         | 80.1         | 80.1         | 84.9         | 80.1         |
| ≥ 900 ≥ 800             | 74.6        | 79.1<br>dl.2 | 82.4         | 81.0         | 83.6             | 83.7         | 87.0         | 87.4          | 85.0<br>87.4            | 89.1         | 86.9         | 86.7         | 86.9         | 86.9         | 86.9         | 89.4         |
| ≥ 700<br>≥ 600<br>≥ 500 | 77.9        | 82.8         | 84.0         | 84.9<br>86.4 | 87.7             | 87.8<br>89.3 | 90.6         |               | 89.3<br><del>91.0</del> | 91.1         | 91.4         | 91.4         | 91.4         | 91.4         | 91.4         | 91.4         |
| ≥ 500<br>≥ 400<br>≥ 300 | 71.4        | 87.4         | 87.7         | 88.6<br>89.6 | 91.6             | 91.9         | 94.3         | 93.7          | 93.7                    | 95.4<br>96.6 | 97.0         | 97.0         | 95.9         |              | 95.9         | 97.0         |
| ≥ 200                   | *3.0        | 47.0         | 90.2         | 91.2         | 94.4             | 93.9         | 96.6         |               |                         |              | 98.3         | 98.3         | 98.3         | 99.7         |              | 99.7         |
| ≥ 100<br>≥ 0            | 63.7        | 89.C         | 90.2         | 91.2         | 94.4             | 94.6         | 96.6<br>96.6 |               | 97.0<br>97.0            |              | 1            | 99.3         | 99.8         | - 1          | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS 90

ATA PR. ESSING DIVISION SAF ETA RATER FATCHER DESVICEMING

- Frank State out States June 27

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- P 300 R 950 A

| CE CNO                    |              |              |              |              |      |       | Vt   | SIBILITY STA | ATUTE MILE | S    |              |              |        |              |                  |                  |
|---------------------------|--------------|--------------|--------------|--------------|------|-------|------|--------------|------------|------|--------------|--------------|--------|--------------|------------------|------------------|
| FEET                      | ≥ :0         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3  | 2 2 1 | ≥ 2  | ≥ 1'2        | ≥ 1'4      | ≥ 1  | ≥ ¾          | ≥ 5/8        | ≥ ½    | ≥ 5:16       | ≥ %              | ≥ 0              |
| N. C1.NG<br>≥ 20000       |              | 14.2         |              |              | 34.3 |       | 34.4 |              |            | 34.6 |              |              | 34.7   | 34.7         | 34.7             | 34,7             |
| ≥ 18000<br>≥ 16000        |              |              | 35.7         | 35.8         |      | 35.8  |      | • •          | 35.9       | 36.0 |              |              | 30 · 1 | 36. L        | 36.1             | 36.1             |
| ≥ 14000<br>≥ 12000        | 10.3         | 30.4         |              |              | 30.6 | 36.6  | 36.7 | 36.7         | 36.7       | 36.8 |              | 36.8<br>17.9 | 36.9   | 36.9         | 36.9             | 36.9<br>38.0     |
| ≥ 10000<br>≥ <b>9</b> 000 | 9.0          |              | 39.7         | 37.8         | - 1  | 39.8  | 39.9 |              | 39.9       |      | 40.0         | 40.0         | 40.1   | 40.1         | 40.1             | 40.1<br>42.0     |
| ≥ 8000<br>≥ 7000          | 43.0         | 41.9<br>45.6 |              | 44.0         | 44.0 | 44.0  | 44.1 | 44.1         | 44.1       | 44.2 | 40.4         | 44.7         | 44.3   | 44.3         | 44.3             | 44.7             |
| ≥ 6000<br>≥ 5000          |              | 46.2         |              | 46.4         | 49.2 | 49.3  | 47.0 | 49.4         | 49.4       | 49.6 | 47.1         | 47.1         | 47.2   | 47.2         | 47.2             | 47.2             |
| ≥ 4500<br>≥ 4000          | -U.H         |              | 52.2         | 49.3<br>52.3 | 52.7 | 52.8  |      | 52.9         | 52.9       | 53.0 | 50.0<br>53.0 | 50.0<br>53.0 | 50 · 1 | 50.1<br>33.1 | 50 • 1<br>53 • 1 | 50 • 1<br>53 • 1 |
| ≥ 3500<br>≥ 3000          | 34.1         | 34.1         | 50.1         | 56.2         |      | 56.8  |      | 57.0         | 57.0       |      | -            |              |        |              |                  |                  |
| ≥ 2500<br>≥ 2000          | وبود         | 59.9<br>62.7 | 64.1         | 63.8         |      | 64.7  | 64.9 | 05.2         | 65.2       | 61.6 | 65.3         | 45.1         | 65.4   | 65.4         |                  | 4.60             |
| ≥ 1800<br>≥ 1500          |              | 07.3         |              | 69.4         |      | 70.4  | 70.7 | 71.0         | 71.0       | 71.2 | 71.2         | 71.2         | 71.3   | 71.3         | 71.3             | 71.7             |
| ≥ 1200<br>≥ 1000<br>≥ 900 | 71.8<br>72.8 | 1            | 73.7<br>70.7 | 77.0         | 70.8 | 79.0  | 79.8 | 80.2         | 80.2       |      |              |              |        | 81.2         |                  | 81.3             |
| ≥ 800<br>≥ 800            | 14.0<br>75.4 | 19.6         | 79.7         | 80.8         | 82.0 | 82.3  | 84.2 | 83.7         | 83.7       | 84.4 | 86.8         | 84.9         | E5.0   |              | 99.0             | 85.1             |
| ≥ 600                     | 77.1         | 01.9         | 84.0         | 84.3         | 35.7 | 80.0  | 87.0 | 87.4         | 87.4       | 68.3 | 58.9         | 88.9         |        | 89.3         | 29.4             | 89.4             |
| ≥ 400                     | : 0.9        | 86.0         | 87.1         | 85.4         | 90.2 | 90.6  | 91.8 | 92.2         | 92.2       |      | 93.7         | 1            | 94.1   | 94.1         | 96.1             | 94.2             |
| ≥ 200                     | ې پ          | 69.5         | 90.1         | 91.7         | 93.9 | 94.3  | 95.8 | 96.4         | 90.4       |      | 98.2         | 98.2         | 98.7   | 98.7         | 98.7             | 98.8             |
|                           | 1301         | 68.6         |              |              | 94.1 |       | 96.0 |              |            | 98.2 | 98.8         | 98.4         | 99.3   | 99.3         |                  | 100.0            |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

TATA PROJESSING SIVISION SAF ETAT BIR REAT HE SERVICE/MAC

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### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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| CEUNG                | :             |              |               |              |                  |              | ٧            | ISIBILITY ST | ATUTE MILE   | :S           |              |              |      |              |       |              |
|----------------------|---------------|--------------|---------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|-------|--------------|
| FEET                 | ≥ 10          | ≥ 6          | ≥ 5           | ≥ 4          | ≥ 3              | ≥ 21,        | ≥ 2          | ≥ 11,        | ≥ 1%         | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ %  | ≥ 5 16       | ≥ '•  | ≥ 0          |
| NO CEIUNG<br>≥ 20000 | 41.3          | 31.3         | 31.3          | 31.3         | 31.4             | 31.4         | 31.0         | 31.6         | 31.6         | 31.6         | 31.0         | 31.6         | 31.9 | 31.9         | 32.0  | 32.1         |
| ≥ 18000<br>≥ 16000   | 12.2          | 32.2         | 32.2          | 32.2         | 32.3             | 32.3         | 32.4         | 32.4         | 32.4         | 32.4         | 32.4         | 32.4         | 32.8 |              | 32.9  |              |
| ≥ 14000<br>≥ 12000   | 33.1          | 33.1         | 33.1          | 33.1         | 33.2             | 33.2         | 33.3         | 33.3         | 33.3         | 33.3         | 33.3         | 33.3         | 33.7 | 33.7         | 33.5  | 33.7         |
| ≥ 10000<br>≥ 9000    | 16.6          | 35.9         | 36.9          | 35.9         | 37.0             | 37.0         | 37 · 1       | 37.1         | 37.1         | 37.1         | 37.1         | 37.1         | 37.4 | 37.4         | 37.7  | 37.3         |
| ≥ 8000<br>≥ 7000     | 42.0          | 42.4         | 42.4          | 42.4         | 42.0             | 42.6         | 42.7         | 42.7         | 42.7         | 42.8         | 12.9<br>45.6 | 42.7         | 43.2 | 43.7         | 43.4  | 43.6         |
| ≥ 6000<br>≥ 5000     | 45.6          | 46.3         | 40.3          | 46.3         | 46.4             | 46.4         | 46.6         | 46.6         | 46.0         | 46 A         | 46.9         | 46.0         | 47.2 | 47.2         | 47.4  | 47.6         |
| ≥ 4500<br>≥ 4000     | 49.6          | 48.4         | 48.4.<br>50.7 | 48.4<br>50.7 | 40 . 6<br>50 . 8 | 48.6<br>50.8 | 48.7         | 48.7<br>50.9 | 48.7         | 49.2         | 49.3         | 49.3         | 49.7 | 49.7<br>52.0 | 49.9  | 50.0<br>52.3 |
| ≥ 3500<br>≥ 3000     | 51.2<br>0.0   | 52.2<br>56.0 | 52.2<br>56.0  |              | 52.4             | 52.4<br>56.2 | 52.7         | 52.7<br>56.4 | 52.7<br>56.4 | 53.3<br>57.2 | 53.4<br>57.3 | 53.4<br>57.3 | 53.8 | 53.8<br>57.7 | 54. U | 54.2<br>5d.0 |
| ≥ 2500<br>≥ 2000     | 39.9          | 58.4<br>02.1 | 58.6          | 58.7         | 58.9             | 58.9         | 59.1<br>63.6 | 59.1<br>63.6 | 59.1         | 59.9         | 60.0         | 60.0         | 60.3 | 60.3         | 60.6  | 60.7         |
| ≥ 1800<br>≥ 1500     | 10.9<br>4.5.9 | 63.6         | 63.4          | 64.1         | 64.9             | 64.9         | 65.1         | 65.1<br>68.8 | 65.1         | 66.4         | 66.6         |              | 67.0 | 67.0<br>71.1 | 71.2  | 67.2         |
| ≥ 1200<br>≥ 1000     | 19.0<br>71.0  | 72.9         | 73.1<br>76.9  | 74.0         |                  | 75.3<br>79.8 | 75.9<br>80.4 | 76.0<br>80.8 | 70.0<br>80.3 | 77.7<br>82.7 | 77.9         | 77.9         | 78.3 | 78.3<br>83.3 | 78.0  | 1            |
| ≥ 900<br>≥ 800       | 74.7          | 77.6         | 75.1          |              |                  | 81.0<br>83.0 | 81.7<br>83.8 | 82.0<br>84.1 | 84.1         | 83.9         | 84.1         | 84.2         | 84.7 | 84.7<br>87.1 | 64.9  | 85.0<br>87.4 |
| ≥ 700<br>≥ 600       | 75.6          | 80.6<br>82.3 | 51.2<br>83.1  | 82.4<br>84.3 | 84.3             | 84.6         | 85.4<br>87.6 | 85.8         | 85.8         | 87.9<br>90.2 | 88.1<br>90.6 | 90.7         | 86.8 | 88.8<br>91.7 | 91.9  | 89.1<br>92.0 |
| ≥ 500<br>≥ 400       | 77.7<br>78.8  | _            | 84.3          |              | 88.1<br>89.0     |              | 90.9         | 89.8<br>91.2 | 89.8         | 92.2         | 92.6         | 92.A<br>94.1 |      | 93.8<br>95.3 | 95.0  |              |
| ≥ 300<br>≥ 200       | 40.0          | 86.0<br>46.3 |               | 89.0         | 92.2             | 92.4         | 93.0         | 93.4         | 93.4         | 96.3         | 96.7         |              |      | 98.0<br>99.0 | 99.2  | 99.          |
| ≥ 100<br>≥ 0         | 0.4           | 80.4<br>86.4 | 87.9          |              | 92.3             | 92.6         | 93.7         | 94.3         | 94.3         | 97.6         | 97.9         |              | 99.2 | 99.3<br>99.3 |       | 100          |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

ATA PROGESSING DIVISION ALP FEAT FER SENTICE/MAC

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### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0100 ml.100

| CEiu∧G                     | -                    |                      |              |              |              |                      | VI                    | SIBILITY IST         | ATUTE MILE           | S:           |                      |              |              |                      |                      |              |
|----------------------------|----------------------|----------------------|--------------|--------------|--------------|----------------------|-----------------------|----------------------|----------------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|--------------|
| FEET                       | ≥ 10                 | ≥ 6                  | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 2'5                | ≥ 2                   | ≥ 1%                 | ≥ 1%                 | ≥ 1          | ≥ ¾                  | ≥ 5/8        | ≥ %          | ≥ 5 16               | ≥ %                  | ≥ 0          |
| NC CE'LING<br>≥ 20000      | 27.9                 | 28.8                 | 29.0         | 29.2         | 29.3         | 29.3                 | 29.3                  | 29.3                 | 29.3                 | 29.3         | 29.3                 | 29.3         | 29.3         | 29.3                 | 29.4                 | 29.4         |
| ≥ 18000<br>≥ 16000         | 30.3                 | 31.3                 | 31.0         | 31.8         | 32.0         | 32.0                 | 32.0                  | 32.0                 | 32.0                 | 32.1         | 32.1                 | 32.1         | 32.1         | 37.1                 | 32.2                 | 32.2         |
| ≥ 14000<br>≥ 12000         | 30.9                 | 32.0                 | 32.2         | 32.4         | 32.7         | 32.7                 | 32.7                  | 32.7                 | 32.7                 | 32.6         | 32.8                 | 32.4         | 32.8         | 37.8                 | 32,9                 | 32.9         |
| ≥ 10000<br>≥ 9000          | 34.6                 | 35.8                 | 36.1<br>38.9 | 36.3         | 36.6         | 36.6                 | 36.0                  | 36,6                 | 36.6                 | 36,7         | 36.7<br>39.4         | 36.7         | 36.7         | 36.7                 | 36.8<br>39.7         | 36.5         |
| ≥ 8000<br>≥ 7000           | 42.3                 | 44.0                 | 47.4         | 44.7         | 44.9         | 44.9                 | 44.9                  | 44.9                 | 44.9                 | 45.0         | 45.0                 | 45.0<br>48.3 | 45.1<br>48.4 | 45.1<br>48.4         | 45.3                 | 45.3         |
| ≥ 6000<br>≥ 5000           | 45.6                 | 47.7                 | 49.0         | 48.4         | 30.2         | 30.2                 | 46.8<br>50.2          | 50.2                 | 50.2                 | 49.0<br>50.4 | 50.4                 | 49.0         | 49.1<br>50.6 | 50.6                 | 50.6                 | 49.3<br>50.8 |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 47.2                 | 49,3<br>21.0         | 51.6         | 50.1<br>51.6 | 50.4<br>52.1 | 50.4                 | 50.4                  | 50.4<br>52.2         | 50.4                 | 50.7<br>52.4 | 50.7<br>52.6         | 50.7         | 50.8<br>52.6 | 52.6                 | 52.4                 | 52.3         |
| ≥ 3000<br>≥ 3000<br>≥ 2500 | 49.4<br>52.1<br>55.9 | 51.8<br>54.4<br>53.3 | 35.0         | 55.4         | 56.0         | 53.0<br>56.0         | 53. i<br>56.6<br>60.9 | 53.1<br>56.6<br>60.9 | 53.1<br>56.6<br>60.9 | 53.3<br>56.9 | 53.3<br>57.0         | 53.3<br>57.0 | 53.4<br>57.2 | 53.4<br>57.2<br>61.6 | 53.7<br>57.6<br>51.8 | 57.4         |
| ≥ 2000                     | 57.8                 | 62.8                 | 61.3         | 02.2         | 60.2         | 63.1                 | 66.3                  | 64.2                 | 64.2                 | 67.0         | 61.3<br>64.8<br>67.1 | 64.5         | 61.6<br>65.0 | 67.3                 |                      | 65.2         |
| ≥ 1500                     | 66.0                 | 06.7                 | 67.6<br>70.7 | 68.7<br>72.0 | 69.7         | 69.7                 | 70.6                  | 70.9                 | 70.9                 | 71.6         | 71.7                 | 71.7         | 71.9<br>76.0 | 71.9<br>76.0         | 72.1                 | 72.1         |
| ≥ 1000                     | 59.8                 | 73.2                 | 74.3         | 75.9         | 77.7         | 77.9                 |                       | 79.3                 | 79.3                 | 80.2         | 81.0                 | 82.6         | 81.2         | 81.2                 | 83.1                 | 83.1         |
| ≥ 800                      | 71.2                 | 75.7                 | 77.6         | 79.3         | 81.4         | 81.6                 | 83.1<br>85.0          | 83.4                 | 85.3                 | 84.8         | 86.0                 | 86.0         | 86.4         | 86.6                 | 86.7                 | 86.7         |
| ≥ 600                      | 76.7                 | 79.7<br>62.1         | 81.3         | 83.4         | 86.C         | 89.6                 | 87.7<br>91.0          | 88.1<br>91.4         | 91.4                 | 93.3         | 91.1                 | 91.1<br>95.1 | 92.2         | 92.2                 | 76.9                 | 96.9         |
| ≥ 400<br>≥ 300             | , =, -               | 83.4                 | 85.3         |              | 90.7         | 90.6                 | 92.4                  | 93.1                 | 93.1                 | 94.6         | 96.9                 | 96.4         |              |                      | 99.1                 | 99.1         |
| ≥ 200<br>≥ 100<br>≥ 0      |                      | #3.6<br>#3.6         | 85.4         | 87.9<br>87.9 | 90.8         | 91.1<br>91.1<br>91.1 | 92.7<br>92.7<br>92.7  | 93.4<br>93.4         | 93.4<br>93.4         | 95.6<br>95.6 | 97.3<br>97.3         | 97.4         | 99.1<br>99.1 | 99.3                 |                      | 99.8<br>99.8 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC  $_{\text{JUL 64}}^{\text{FORM}} = 0.14-5$  (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING MIVISION SAF ETAL ATR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

FIRT SHITE HEAT DIT APT

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1200 TAGO

| CELING               |              |              |              |              |              | ***          | v            | SIBILITY IST | ATUTE MILE   | S;           |              |              |              |              |              |              |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                 | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 21/2       | ≥ 2          | ≥ 1%         | ≥ 1%         | ≥ 1          | ≥ %          | ≥ 5/8        | ≥ 14         | ≥ 5.16       | ≥ '4         | ≥ 0          |
| NO CEIUNG<br>≥ 20000 | 15.9         | 36.7         | 30.8         | 36.9         | 36.9         | 36.9         | 37 · C       | 37.0         | 37.0         | 37.0         | 37.0         | 37.0         | 37.0         | 37.0         | 37.C         | 37.0         |
| ≥ 18000<br>≥ 16000   | 40.1         | 41.0         | 41.2         | 41.4         | 41.4         | 41.4         | 41.6         | 41.6         | 41.6         | 41.6         | 41.6         | 41.6         | 41.6         | 41.6         | 41.6         | 41.6         |
| ≥ 14000<br>≥ 12000   | 41.2         | 42.1         | 42.3         | 42.6         | 42.0         | 42.6         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         |
| ≥ 10000<br>≥ 9000    | 43.9         | 44.6         | 45.0         | 45.2         | 45.2         | 45.2         | 45.3         | 45.3         | 45.3         | 45.3         | 45.3         | 45.3         | 45.3         | 45.3         | 45.3         | 45.3         |
| ≥ 8000<br>≥ 7000     | 49.9         | 51.3         | 51.7         | 52.1<br>55.0 | 52.3         | 52.3<br>55.3 | 52.4         | 52.4         | 52.4         | 52.4<br>55.4 | 52.4         | 52.4         | 52.4         | 57.4         | 52.4         | 52.4         |
| ≥ 6000<br>≥ 5000     | 52.4         | 34.4         | 54.9         | 55.3<br>56.6 | 55.7<br>57.0 | 55.7<br>57.0 | 57.1         | 55,8<br>57.1 | 55.8<br>57.1 | 57.1         | 55.8<br>57.1 | 55.8<br>57.1 | 55.8         | 55.6<br>57.1 | 55.8         | 55.8<br>57.1 |
| ≥ 4500<br>≥ 4000     | 54.1<br>55.0 | 55.2<br>57.1 | 50.7<br>57.7 | 57.1<br>58.1 | 57.7<br>58.7 | 57.7<br>58.7 | 57.8         | 57.8<br>58.8 | 57.8<br>58.8 | 57.8<br>58.8 | 57.8<br>58.8 | 57.8<br>58.8 | 57.8<br>58.9 | 57.8<br>58.9 | 57.8<br>58.9 | 57.8         |
| ≥ 3500<br>≥ 3000     | 55.9<br>57.8 | 58.0<br>59.9 | 58.6         | 59.0         | 59.6<br>61.7 | 59.6<br>61.7 | 59.7<br>61.8 | 59.7<br>61.8 | 59.7<br>61.8 | 59.8         | 59.8<br>62.1 | 59.8         | 59.9         | 59.9<br>62.2 | 59.9         | 59.9         |
| ≥ 2500<br>≥ 2000     | 00.1         | 62.2         | 63.0         | 63.4         | 64.3         | 64.3         | 64.4         | 64.4         | 64.4         | 64,7         | 64.9         | 64.9         | 65.0         | 65.0         | 65.0         | 65.0         |
| ≥ 1800<br>≥ 1500     | 62.4<br>57.6 | 71.6         | 60.3<br>72.7 | 67.1<br>73.6 | 68.6<br>75.1 | 68.6<br>75.1 | 68.7<br>75.2 | 68.7<br>75.2 | 75.2         | 69.0<br>76.1 | 69.2<br>76.3 | 76.4         | 76.6         | 69.3<br>76.6 | 76.6         | 70.0         |
| ≥ 1200<br>÷. 1000    | 70.4<br>72.0 | 75.2         | 76.6         | 77.4<br>80.4 | 79.1<br>82.4 | 79.1<br>82.4 | 79.4         | 79.4<br>83.2 | 79.4<br>83.2 | 80.7         | 81.0         | 81.1         | 81.3         | 81.3         | 69.3         | 81.3         |
| ≥ 900<br>≥ 800       | 73.4         | 78.7         | 80.3         | 81.4         | 83.6         | 63.6<br>85.7 | 54.1<br>56.4 | 84.3<br>86.7 | 84.3         | 85.8         | 86,2         | 86.3         | 88.9         | 86.6         | 89.0         | 89.0         |
| ≥ 700<br>≥ 600       | 76.2<br>77.4 | 62.1         | 83.8         | 85.0         | 87.2<br>89.1 | 87.2<br>89.1 | 88.0         | 90.6         | 90.6         | 92.1         | 90.3         | 90.4         | 90.9         | 90.9         | 91.0         | 91.0         |
| ≥ 500<br>≥ 400       | 79.1<br>30.0 | 85.7         | 87.4         | 89.1<br>90.2 | 91.7         | 91.7         | 92.6         | 93.2         | 94.7         | 96.3         | 95,8         | 95.9         | 96.7         | 96.6         | 97.2<br>98.4 | 97.2         |
| ≥ 300<br>≥ 200       | 0.0<br>40.1  | 86.6<br>69.7 | 88.3         | 90.2         | 92.8         | 93.0         | 94.2         | 94.6         | 94.7         | 96.4         | 97.4         | 97.7<br>98.C | 98.7         | 20           | 99.6         |              |
| ≥ 100                | F0.1         | #6.7         | 88.4         | 90.3         | 93.1<br>93.1 | 93.3         | 94.2         | 94.9         | 95.0         | 96.8         | 97.8<br>97.8 | 98.0         | 99.0         |              | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS.....

DATA PRECESSING DIVISION SAF ETAC AIR FAT LE SERVICE/MAC

#### CEILING VERSUS VISIBILITY

FIRT SATING INTERNATION NAME AND PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700

| CEIUNG                |              |              |      |              |                  |              | VI           | SIBILITY 'STA | ATUTE MILE   | S)           |              |              |              |              |              |              |
|-----------------------|--------------|--------------|------|--------------|------------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET.                 | ≥ 10         | ≥ 6          | ≥ 5  | ≥ 4          | ≥ 3              | ≥ 21/2       | ≥ 2          | ≥ 1%          | ≥ 1%         | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ ⅓          | ≥ 5/16       | ≥ ¼          | ≥ 0          |
| NC CEILING<br>≥ 20000 | 36.7         | 36.9         | 37.0 | 37.0         | 37.0             | 37.0         | 37.0         | 37.1          | 37.1         | 37.1         | 37.1         | 37.1         | 37.1         | 37.1         | 37.1         | 37.1         |
| ≥ 18000<br>≥ 16000    | 39.2         | 49.6         | 39.6 | 39.6         | 39.6             | 39.6         | 39.6         | 39.7          | 39.7         | 39.7         | 39.7         | 39.7         | 39.7         | 39.7         | 39.7         | 39.7         |
| ≥ 14000<br>≥ 12000    | 40.7         | 40.9         | 41.0 | 41.0         | 41.0             | 41.0         | 41.0         | 41.1          | 41.1         | 41.1         | 41.1         | 41.1         | 41.1         | 41.1         | 41.1         | 41.1         |
| ≥ 10000<br>≥ 9000     | 42.9         | 43.1         | 43.2 | 43.2         | 43.2             | 43.2         | 43.2         | 43.3          | 43.3         | 43.3         | 43.3         | 43.3         | 43.3         | 43.3         | 43.3         | 43.3         |
| ≥ 8000<br>≥ 7000      | 50.1         | 30.6         | 50.8 | 50.8         | 50.8<br>55.6     | 50.8         | 50.9         | 51.0<br>85.8  | 51.0<br>55.8 | 51.0<br>55.8 | 51.0<br>55.8 | 51.0<br>55.8 | 51.0<br>55.6 | 51.0<br>55.8 | 51.0<br>55.8 | 51.0         |
| ≥ 6000<br>≥ 5000      | 54.3         | 55.0<br>55.9 |      | 55.6<br>56.4 | 55.0             | 55.6         | 55.7         | 55.8          | 55.8         | 55.8         | 55.8         | 55.8<br>56.7 | 55.8         | 55.8         | 55.1         | 55.8<br>56.7 |
| ≥ 4500<br>≥ 4000      | 35.8         | 56.8<br>57.9 |      | 57.4         | 57 · 4<br>58 · 7 | 57.4<br>58.7 | 57.6<br>58.8 | 57.7          | 57.7         | 57.9         | 57.9         | 57.9         | 57.9         | 57.9<br>59.1 | 57.9         | 57.9<br>59.1 |
| ≥ 3500<br>≥ 3000      | >8.0<br>59.4 | >9.1         |      | 59.9         | 60.0             | 0.00         |              | 60.2          | 60.2         | 60.4         | 62.4         | 60.4         | 62.4         | 60.4         | 60.4         | 60.4         |
| ≥ 2500<br>≥ 2000      | 60.7         | 62.2         |      | I            | 63.7             | 68.1         | 68.4         | 63.9          | 63.9         | 64.2         | 64.3         | 64.3         | 64.3         | 64.3         | 64.3         | 64.3         |
| ≥ 1800<br>≥ 1500      | 65.3         | 1            |      |              | 74.3             | 74.3         | 75.0         | 70.0          | 70.0         | 70.3         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         |
| ≥ 1200<br>≥ 1000      | 73.6<br>76.3 | 76.3<br>79.6 |      | . • =1       | 79.4<br>83.0     | 79.6         |              | 80.3          | 80.4         | 80.9         | 81.0         | 81.0         | 81.0         | 81.0<br>85.2 | 81.0         | 81.d         |
| ≥ 900<br>≥ 800        | 78.0         | 81.3<br>82.7 | 82.0 | 1 1          | 86.2             | 65.0         | 87.6         | 86.0          | 86.1         | 86.7         | 87.1         | 87.1         | 87.4         | 87.6<br>89.9 | 89.9         | 89.9         |
| ≥ 700<br>≥ 600        | "0.3         | 63.9<br>65.2 | 80.4 | 80.2<br>87.8 | 89.1             | 89.2         | 90.6         |               | 89.4<br>91.1 | 90.1         | 90.8         | 90.9         | 91.3         | 91.4         | 91.4         | 93.9         |
| ≥ 500<br>≥ 400        | 84.3         | 67.9<br>66.3 | 90.1 | 91.0<br>91.4 | 93.0             | 92.7         | 94.4         |               | 94.6         | 95,4         | 96.1         | 96.2         | 97.3         | 97.6<br>98.2 | 98.2         | 98.2         |
| ≥ 300<br>≥ 200        | 84.8<br>84.8 | 88.8         | 90.7 | 92.0         | 93.6             | 93.7         | 95.0         | 95.6          | 95.6         | 96.6         | 97.2         | 97.5         | 99.2         | 99.4         | 99.4         | 99.8         |
| ≥ 100<br>≥ 0          | 84.8<br>84.8 |              |      | 92.0         |                  | 93.7         | 95.0         |               | 95.7<br>95.7 | 96.7         | 97.3         | 97.4         | 99.3         |              | 100 • 0      | _ ,          |

2

TATA PROCESSIN DIVINION CSAF ETAC FATTER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

FORT SHITE STATE APT

\_ <del>57=66</del>\_

U D V

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 600 m 2000

| CERENG                |              |              |              |              |              |              | V            | ISIBILITY (ST | ATUTE MILE   | ES,          | _            |              |              |              | -                |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 21/2       | ≥ 2          | ≥ 11/2        | ≥ 1½         | ≥ 1          | ≥ ¾          | ≥ 5/8        | ≥ %          | ≥ 5/16       | ≥ ¼              | ≥ 0          |
| NO CEILING<br>≥ 20000 | 47.3         | 37.6         | 37.7         | 37.7         | 37.7         | 37.A         | 37.8         | 37.8          | 37.8         | 37.8         | 37.8         | 37.8         | 37.8         | 37.8         | 37.8             | 37.6         |
| ≥ 18000<br>≥ 16000    | 37.4         | 45.1         | 37.8         | 37.6         | 37.8         | 37.9<br>38.3 | 37.9         | 37.9          | 37.9         | 37.9         | 37.9         | 37.9         | 37.9         | 37.9<br>38.3 | 37.9             | 37.9<br>38.3 |
| ≥ 14000<br>≥ 12000    | 39.6         | 39.8         | 39.9         | 39.9         | 39.9<br>40.2 | 40.0         | 40.0         | 40.0          | 40.0         | 40.0         | 40.0         | 40.0         | 40.0         | 40.0         | 40.0             | 40.0         |
| ≥ 10000<br>≥ 9000     | 41.0         | 41.6         | 41.9         | 41.9         | 41.9         | 42.0         | 42.0         | 42.0          | 42.0         | 42.0         | 42.0         | 42.0         | 42.0         | 42.0         | 42.0             | 42.0         |
| ≥ 8000<br>≥ 7000      | 45.7         | 46.1<br>51.9 | 40.4<br>52.2 | 46.4         | 46.4<br>52.3 | 46.6<br>52.4 | 46.6         | 46.6<br>52.7  | 46.6         | 46.6         | 46.6<br>52.7 | 46.6<br>52.7 | 46.7         | 46.7<br>52.8 | 46.7             | 46.7         |
| ≥ 6000<br>≥ 5000      | 51.6         | 32,4<br>53.8 | 52.6         | 52.9         | 53.0         | 53.1<br>54.6 | 53.4         | 53.4          | 53.4         | 53.4         | 53.4         | 53.4         | 53.6         | 53.6         | 53.6             | 53.6<br>55.0 |
| ≥ 4500<br>≥ 4000      | 52.6         | 53.6         | 54.3         | 54.4<br>56.4 | 54.6<br>56.6 | 54.7<br>56.8 | 57.1         | 55.0<br>57.1  | 55.0<br>57.1 | 55.0<br>57.1 | 55.0         | 55.0<br>57.1 | 55.1<br>57.2 | 55.1<br>57.2 | 55.1<br>57.2     | 55.1<br>57.2 |
| ≥ 3500<br>≥ 3000      | 35.6<br>57.4 | 56.8<br>58.9 | 57.9         | 58.0         | 58.3         | 58.6         | 58.9         | 58.9          | 58.9         | 58.9         | 58.9         | 58.9         | 59.0         | 59.0         | 59.0             | 59.0         |
| ≥ 2500<br>≥ 2000      | 50.3         | 59.9         | 61.1         | 61.7         | 67.6         | 67.8         | 63.0         | 63.0          | 63.0         | 63.1<br>68.7 | 63.1         | 63.1         | 63.2         | 63.2<br>68.8 | 63.2             | 63.2         |
| ≥ 1800<br>≥ 1500      | 63.1         | 65.9         | 67.3<br>71.2 | 67.9         | 55.8<br>72.9 | 69.0<br>73.2 | 69.8<br>74.2 | 69.8<br>74.2  | 69.8         | 69.9         | 70.0<br>74.6 | 70.0         | 70.1         | 70.1<br>74.7 | 70 • 1<br>74 • 7 | 70.1         |
| ≥ 1200<br>≥ 1000      | 71.1         | 74.0         | 76.2         | 77.0<br>82.0 |              | 78.9         | 80.2         | 80.2<br>85.6  | 85.6         | 80.3<br>85.7 | 80.6         | 80.6         | 80.7         | 80.7<br>86.3 | 80.7             | 80.7         |
| ≥ 900<br>≥ 800        | 76.8         | 80.9<br>62.7 | 82.8         | 83.8<br>85.6 | 85.6<br>87.4 | 86.0         | 87.7<br>89.6 | 87.7          | 89.6         | 90.0         | 90.6         | 90.0         | 90.8         | 90.8         | 86.8<br>90.5     | 88.8         |
| ≥ 700<br>≥ 600        | 79.2<br>81.7 | 83.7         | 85.6         | 89.2         | 98.7         | 89.1<br>91.6 | 90.8         | 90.8          | 90.9         | 91.3         | 91.9         | 91.9         | 92.1         | 92.1         | 92.1             | 92.1         |
| ≥ 500<br>≥ 400        | 13.0         | 88.3         | 90.7         | 93.0         | 94.9         | 94.2         | 96.0         | 97.1          | 96.2         | 96.7         | 97.2<br>98.3 | 97.2         | 97.6         | 97.6<br>98.7 | 97.0             | 98.7         |
| ≥ 300<br>≥ 200        | 44.7         | 49.4         | 91.9         | 93.3         | 93.2         | 95.6         | 97.3         | 97.3          | 97.6         | 98.1         | 98.7<br>98.4 | 98.7         | 99.0         | 99.0         | 99.7             | 99.1<br>99.7 |
| ≥ 100<br>≥ 0          | 14.7         | 89.4         | 92.0         | 93.3         | 95.2         | 95.7         | 97.4         | 97.4          | 97.7<br>97.7 | 98.2         | 98.4         | 98.9         | 99.6         | 99.6         | 1                | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

PATA PROCESSING DIVISION ALR SEATHER SERVICE/HAC

261 Februs Sall Tre Hat Staffer Ame APT 57-66

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100 m 2.300

| CERING                |              |              |              |              |                  |              | VI           | ISIBILITY (57) | ATUTE MILE   | (S)          |              |              |              |              |              |              |
|-----------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3              | ≥ 21/4       | ≥ 2          | ≥ 1%           | ≥ 11/4       | ≥ 1          | ≥ %          | ≥ 5/8        | ≥ %          | ≥ 5/16       | ≥ ¼          | ≥ 0          |
| NO CEILING<br>≥ 20000 | 24.1<br>35.7 | 34.3         | 34.7         | 34.8         | 34.8             | 34.A         | 34.8         | 34.8           | 34.8         | 34.B         | 34.8         | 34.8         | 34.8         | 34,8         | 34.8         | 34.8         |
| ≥ 18000<br>≥ 16000    | 35.3         | 35.7         | 36.0         | 36.1         | 36.2             | 36.2         | 36.2         | 36.2           | 36.2         | 36.2         | 36.2         | 36.2         | 36.2         | 36.2<br>36.2 | 36.2         | 36.2         |
| ≥ 14000<br>≥ 12000    | 36.1         | 36.4         | 36.8         | 36.9         | 37.0             | 37.0<br>37.8 | 37.0<br>37.8 | 37.0           | 37.0         | 37.0         | 37.0         | 37.0         | 37.0         | 37.0<br>37.8 | 37.0         | 37.d         |
| ≥ 10000<br>≥ 9000     | 39.8         | 40.1         | 40.4         | 40.6         | 40.7             | 40.7         | 40.7         | 40.7           | 40.7         | 40.7         | 40.7         | 40.7         | 40.7         | 40.7         | 40.7         | 40.7         |
| ≥ 8000<br>≥ 7000      | 45.9         | 46.7         | 47.0         | 47.2         | 47.4             | 47.4         | 47.4         | 52.6           | 47.4<br>52.6 | 47.4         | 47.4         | 47.4         | 47.4<br>52.6 | 47.4         | 47.4         | 47.4         |
| ≥ 6000<br>≥ 5000      | 50.1         | 51.2<br>52.1 | 51.7         | 52.1         | 52.6             | 52.6         | 52.9         | 53.0           | 53.0         | 53.0         | 53.0         | 53.0         | 53.0<br>53.9 | 53.0         | 53.0         | 53.0<br>53.9 |
| ≥ 4500<br>≥ 4000      | 51.0         | 52.6<br>53.8 | 53.2         | 53.7         | 54 • 1<br>55 • 7 | 54.1<br>55.8 | 54.4<br>56.2 | 54.6           | 54.6         | 54.6<br>56.3 | 54.6         | 54.6         | 54.6         | 54.6         | 54.0<br>56.3 | 54.6<br>56.3 |
| ≥ 3500<br>≥ 3000      | 53.1<br>35.3 | 55.1<br>57.9 | 56.1<br>58.9 | 56.6<br>59.3 | 57 · 2           | 57.3<br>60.1 | 57.8<br>60.0 | 57.9           | 57.9         | 57.9         | 57.9         | 57.9<br>60.7 | 57.9         | 57.9         | 57.9         | 57.9<br>60.7 |
| ≥ 2500<br>≥ 2000      | 58.8         | 62.2         | 63.2         | 63.7         | 64.4             | 64.6         | 65.1         | 65.2           | 65.2         | 65.3         | 65.3         | 65.3         | 65.3         | 65.3         | 65.3         | 65.3         |
| ≥ 1800<br>≥ 1500      | 03.1         | 67.1<br>70.7 | 68.3         | 68.8<br>73.0 | 70.0             | 70.1         | 71.0<br>75.3 | 71.2<br>75.8   | 71.2         | 71.3         | 71.3<br>76.1 | 71.3         | 71.3         | 71.3<br>76.1 | 71.3         | 71.3         |
| ≥ 1200<br>≥ 1000      | 70.4         | 75.6<br>78.6 | 77.4         | 78.2         | 79.7             | 80.0<br>83.7 | 81.0         | 81.9           | 81.9         | 82.2         | 86.3         | 82.3         | 82.3         | 82.3         | 82.3         | 62.3         |
| ≥ 900<br>≥ 800        | 73.8         | 79.1         | 81.3<br>83.3 | 84.2         | 83.8             | 84.2         | 85.4         | 85.3           | 86.3         | 86.8         | 86.9         | 86.9         | 86.9         | 86.9         | 86.9         | 86.9         |
| ≥ 700<br>≥ 600        | 77.4         | 82.8<br>85.4 | 85.0         | 85.9         | 87.4<br>90.3     | 87.9<br>90.8 | 89.2<br>92.1 | 90.1<br>93.0   | 90.1         | 90.8         | 90.9         | 90.9         | 90.9         | 90.9         | 90.9         | 90.9         |
| ≥ 500<br>≥ 400        | 82.1<br>83.3 | 87.8<br>89.1 | 90.2         | 91.3         | 92.9             | 93.3         | 94.7         | 95.6           | 95.6         | 96.2         | 96.3<br>98.1 | 96.3         | 96.3         | 96.3<br>98.1 | 96.3<br>98.1 | 96.3<br>98.1 |
| ≥ 300<br>≥ 200        | 84.0         | 89.2         | 91.8         | 92.9         | 94.4             | 94.9         | 90.2         | 97.2           | 97.2         | 98.4         | 98.6         | 99.4         | 98.6         | 98.6         | 98.6         | 98.6         |
| ≥ 100<br>≥ 0          | 84.0         | 89,9         | 1            | 93.6         | 95.2             | 95.7         | 97.0         | 98.0           | 98.0         | 99.3         | 99.4         | 99.4         | 99.7         | 99.7         |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION USAF ETAC BERVICE/MAC

### **CEILING VERSUS VISIBILITY**

-0000 mp.200

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |              |      |              | _    |              | V            | ISIBILITY (ST    | ATUTE MILE | Sı           |              | -            |              |              |              |      |
|-----------------------|--------------|--------------|------|--------------|------|--------------|--------------|------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5  | ≥ 4          | ≥ 3  | ≥ 2½         | ≥ 2          | ≥ 11/2           | ≥ 11/4     | ≥ 1          | ≥ %          | ≥ 5/8        | ≥ %          | ≥ 5/16       | ≥ ¼          | ≥ 0  |
| NO CEILING<br>≥ 20000 | 47.7         | 48.4         | 48.4 | 48.6         | 48.6 | 48.6         | 48.7         | 48.7             | 48.7       | 48.7         | 48.7         | 48.7         | 48.7         | 48.7         | 48.7         | 48.7 |
| ≥ 18000<br>≥ 16000    | 48.5         | 49.0         | 49.0 | 49.2         | 49.4 | 49.4         | 49.5         | 49.5             | 49.5       | 49.5         | 49.5         | 49.5         | 49.5         | 49.5         | 49.5         | 49.5 |
| ≥ 14000<br>≥ 12000    | 30.2         | 50.9         | 50.9 | 51 · 1       | 51.2 | 51.2         | 51.3         | 51.3<br>52.5     | 51.3       | 51.3<br>52.5 | 51.3         | 51.3<br>52.5 | 51.3<br>52.5 | 51.3<br>52.5 | 51.3<br>52.5 | 51.3 |
| ≥ 10000<br>≥ 9000     | 54.9         | 55.9<br>57.8 | 55.9 | 56 . 1       | 56.2 | 56.2         | 56.3<br>58.4 | 56 . 3<br>58 . 4 | 56.3       | 56.3         | 56.3         | 56.3         | 56.3         | 56.3<br>58.4 | 56.3         | 56.3 |
| ≥ 8000<br>≥ 7000      | 60.4         | 61.6         | 61.8 | 62.2         | 62.3 | 62.3         | 62.4         | 62.4             | 62.4       | 62.4         | 62.4         | 62.4         | 62.4         | 62.4         | 62.4         | 62.4 |
| ≥ 6000<br>≥ 5000      | 62.8         | 54.6         | 64.8 | 65.2         | 65.5 | 65.6         | 65.8         | 65.8             | 65.8       | 65.8         | 65.0         | 65.8         | 65.8         | 65.8         | 65.8         | 65.8 |
| ≥ 4500<br>≥ 4000      | 64.1         | 66.C         | 66.3 | 66.7         | 67.3 | 67.4         | 67.6         | 67.6             | 67.6       | 67.6         | 67.6         | 67.6         | 67.6         | 67.6         | 67.6         | 67.6 |
| ≥ 3500<br>≥ 3000      | 06.6         | 60.6<br>71.6 | 69.2 | 69.6         | 70.3 | 70.4         | 70.6         | 70.6             | 70.6       | 70.6         | 70.6<br>73.7 | 70.6         | 70.6         | 70.6<br>73.7 | 70.6         | 70.6 |
| ≥ 2500<br>≥ 2000      | 9.7<br>71.9  | 73.0         | 73.9 | 74.5         | 75.3 | 75.4         | 75.6         | 75.6<br>78.8     | 75.6       | 75.6         | 75.6         | 75.6         | 75.6         | 75.6<br>78.8 | 75.0         | 75.6 |
| ≥ 1800<br>≥ 1500      | 72.5         | 75.0         | 77.2 | 78.0         | 76.8 | 78.9         | 79.4<br>82.0 | 79.4<br>82.0     | 79.4       | 79.4<br>82.0 | 79.4         | 79.4         | 79.4         | 79.4         | 79.4         | 79.4 |
| ≥ 1200<br>≥ 1000      | 76.8         |              | 83.1 | 84.2         | 85.4 | 85.5         | 85.9         | 86.1<br>89.0     | 86.1       | 86.1         | 86.2         | 86.2         | 86.3         | 86.3         | 86.3         | 86.3 |
| ≥ 900<br>≥ 800        | 79.7         | 84.9         | 80.7 | 88.0<br>89.7 | 89.4 | 89.6<br>91.3 | 90 · 1       | 90.3             | 90.3       | 90.4         | 90.5         | 90.5         | 90.6         | 90.6         | 90.6         | 90.6 |
| ≥ 700<br>≥ 600        | 62.0<br>83.5 | 87.7<br>89.2 | 89.6 | 90.9         | 92.3 | 92.5         | 93.1<br>95.1 | 93.3             | 93.3       | 93.7<br>95.6 | 93.8         | 93.A         | 93.9         | 93.9<br>95.8 | 93.9         | 93.9 |
| ≥ 500<br>≥ 400        | /4.3         | 90.0<br>91.0 | 91.8 | 93.2         | 94.6 | 94.9         | 95.8         | 96.0<br>97.0     | 96.0       | 96.5         | 96.7         | 96.7         | 96.8         |              | 96.9<br>98.1 | 96.9 |
| ≥ 300<br>≥ 200        | 66.0         |              | 93.5 | 94.9         | 96.3 | 96.7         | 97.5         | 97.7             | 97.7       | 98.4         | 98.6         | 98.6         | 99.0         | 99.0         | 99.1         | 99.1 |
| ≥ 100<br>≥ 0          | 36.0         |              | 93.5 | 94.9         | 96.3 | 96.7         | 97.5         | 97.6             | 97.8       | 98.5         | 98.7         | 98.7         | 99.4         | 99.4         | 99.5         | 99.5 |

TOTAL NUMBER OF OBSERVATIONS.

2

DATA PROCESSING DIVISION JSAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

26102 FLET SHITM NUT BIT APT

57=64

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0100 ROADO

| CEILING                 |              |              |                      |                  |                      |                      | ٧            | ISIBILITY :ST | ATUTE MILE           | ESI          |              |                      |                      |                      |                      |              |
|-------------------------|--------------|--------------|----------------------|------------------|----------------------|----------------------|--------------|---------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|
| FEET                    | ≥ 10         | ≥ 6          | ≥ 5                  | ≥ 4              | ≥ 3                  | ≥ 2%                 | ≥ 2          | ≥ 1%          | ≥ 11/4               | ≥ 1          | ≥ ¾          | ≥ 5/8                | ≥ %                  | ≥ 5;16               | ≥ 4                  | ≥ 0          |
| NO CEILING<br>≥ 20000   | 48.5         | 48.8         | 49.1                 | 49.1             | 49.1                 | 49.1                 | 49.1         | 49.1          | 49.1                 | 49.1         | 49.1         | 49.1                 | 49.2                 | 49.2                 | 49.2                 | 49.4<br>5c.8 |
| ≥ 18000<br>≥ 16000      | 49.7         | 50.0         | 50.5                 | 50.5             | 50.5                 | 50.5                 | 50.5         | 50.5          | 50.5                 | 50.5         | 50.5         | 50.5                 | 50.6                 |                      | 50.6                 | 50.8<br>50.8 |
| ≥ 14000<br>≥ 12000      | 51.7         | 22.0<br>53.7 | 52.6                 | 52.6<br>54.2     | 52.6                 | 52.6                 | 52.6         | 52.6<br>54.2  | 52.6                 | 52.6<br>54.2 | 52.6<br>54.2 | 52.6                 | 52.7                 | 52.7                 | 52.7                 | 52.8         |
| ≥ 10000<br>≥ 9000       | 57.3         | 56.5<br>58.2 | 57.0                 | 57.0<br>58.8     | 57.0<br>58.8         | 57.0<br>58.8         | 57.0         | 57.0<br>58.8  | 57.0                 | 57.0<br>58.8 | 57.0<br>58.8 | 57.0                 | 57.1<br>58.9         | 57.1<br>58.9         | 57.1<br>58.9         | 57.2         |
| ≥ 8000<br>≥ 7000        | 50.1<br>52.8 | 01.3         | 61.9                 | 61.9             | 61.9                 | 61.9                 | 61.9         | 61.9          | 61.9                 | 61.9         | 61.9         | 61.9                 | 62.0                 | 62.0                 | 62.0                 | 62.2         |
| ≥ 6000<br>≥ 5000        | 64.0         | 65.9         | 67.0                 | 67.1<br>67.7     | 67.2                 | 67.2                 | 67.2         | 68.0          | 67.2                 | 67.3         | 67.3         | 67.1                 | 67.4                 | 67.4                 | 67.4                 | 67.5         |
| ≥ 4500<br>≥ 4000        | 04.7         | 66.8         | 68 • 1<br>70 • 0     | 68 . Z<br>70 . 1 | 68.4<br>70.3         | 70.3                 | 70.3         | 68.4<br>70.3  | 70.3                 | 68.5<br>70.4 | 68.5<br>70.4 | 68 • 5<br>70 • 4     | 70.5                 | 68.6<br>70.5         | 70.5                 | 70.6         |
| ≥ 3500<br>≥ 3000        | 68.1<br>59.1 | 70.2         | 71.7                 | 71.8<br>73.7     | 72.2                 | 72.2                 | 72.2         | 72.2<br>74.1  | 72.2                 | 72.3         | 72.3         | 72.3                 | 72.4                 | 72.4                 | 72.4                 | 72.5         |
| ≥ 2500<br>≥ 2000        | 69.8<br>71.9 | 72.4         | 74.1                 | 74.4             | 74.8<br>78.2         | 74.8                 | 74.8         | 74.8<br>78.2  | 74.8                 | 74.9         | 74.9         | 74.9                 | 75.1<br>78.5         | 75.1<br>78.5         | 75.1<br>78.5         | 75.2<br>78.6 |
| ≥ 1800<br>≥ 1500        | 73.3         | 76.6         | 78.7<br>80.4         | 79.4             | 80.0                 | 80.0                 | 80.0         | 80.0          | 81.9                 | 80.1<br>82.0 | 80.1<br>82.0 | 82.0                 | 80.3                 | 80.3                 | 82.4                 | 82.3         |
| ≥ 1200                  | 77.2         | 81.3<br>84.5 | 87.0                 | 87.8             | 85.5                 | 85.5                 | 89.1         | 85.6          | 89.1                 | 89.6         | 89.7         | 85.7                 | 90.0                 |                      | 90.0                 | 90.1         |
| ≥ 900<br>≥ 800          | 52.2         | 87.1         | 89.6                 | 90.4             | 89.9<br>91.5         | 91.5                 | 90.1         | 90.2          | 90.2                 | 90.6         | 90.8         | 90.8                 | 91.1                 | 91.1                 | 91.1                 | 91.2         |
| ≥ 700<br>≥ 600          | 83.8<br>84.4 | 48.8<br>49.6 |                      | 92.2<br>93.1     | 93.2                 | 94.3                 | 93.7         | 94.9          | 94.0                 | 94.5         | 94,6         | 94.6                 | 95.2                 | 95.2                 | 95.2<br>94.1         | 95.3<br>96.2 |
| ≥ 500<br>≥ 400<br>≥ 300 | 65.4<br>65.9 | 91.4<br>91.7 | 93.5<br>94.1<br>94.4 | 95.1<br>95.4     | 95.6<br>96.1<br>96.5 | 95.7<br>96.2<br>96.6 | 96.0<br>96.6 | 96.9<br>96.9  | 96.3<br>96.9<br>97.2 | 97.6<br>97.6 | 97.1<br>97.7 | 97.1<br>97.7<br>98.2 | 97.6<br>98.4<br>98.8 | 97.6<br>98.4<br>98.8 | 97.6<br>98.5<br>98.9 | 97.7<br>98.6 |
| ≥ 200                   | £6.2         | 91.8         | 94.5                 | 95.5             | 96.6<br>96.7         | 96.7                 | 97.1<br>97.2 | 97.4          | 97.4                 | 98.2         | 78.3<br>98.4 | 98.4<br>98.4         | 98.9                 | 99.1                 | 99.2                 | 99.4         |
| ≥ 100                   | 96.2         | 91.8         |                      | 95.5             | 90.7                 | 96.5                 | 97.2         | 97.5          | 97.5                 | 98.3         | 98.4         | 98.4                 | 99.0                 | 99.4                 |                      | 100.0        |

TOTAL NUMBER OF OBSERVATIONS...

DATA PROCESSING DIVISION ASAF ETAC AIP MEATHER SERVICE/NAC

-261-02 FURT SMITH NUTSTANDIAMEART STAND

### **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0600 RP400

HOHTH -

| CELONG                |              |              |              | ·            |              |              | ٧            | ISIBILITY (ST. | ATUTE MILE   | -<br>(S)     |              |              |              |              |                  |               |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 21/3       | ≥ 2          | ≥ 11/2         | ≥ 1¼         | ≥ 1          | ≥ %          | ≥ 5/8        | ≥ ⅓          | ≥ 5/16       | ≥ ¼              | ≥ 0           |
| NO CEILING<br>≥ 20000 | 48.0         | 48.1         | 48.1         | 48.2         | 48.2         | 48.2         | 48.4         | 48.4           | 48.4         | 48.4         | 48.5         | 48.5         | 48.6         | 48.6         | 48.6             | 48.6          |
| ≥ 18000<br>≥ 16000    | 49.0         | 49.4         | 49.1         | 49.2         | 49.2         | 49.2         | 49.5         | 49.5           | 49.5         | 49.5         | 49.6         | 49.6         | 49.7         | 49.7         | 49.7             | 49.7          |
| ≥ 14000<br>≥ 12000    | 50.9         | 31.0         | 51.0         | 51.1<br>53.1 | 51.1<br>53.1 | 51.1<br>53.1 | 51.3         | 51.3           | 51.3         | 51.3         | 51.4<br>53.4 | 51.4         | 51.5         | 51.5<br>53.5 | 51.5<br>53.5     | 51.5<br>57.5  |
| ≥ 10000<br>≥ 9000     | >5.3<br>58.1 | 55.6<br>58.4 | 55.6         | 55.7<br>58.5 | 55.7         | 55.7         | 55.9         | 55.9<br>58.7   | 55.9<br>58.7 | 55.9<br>58.7 | 56.0<br>58.8 | 56.0<br>58.0 | 56.1<br>58.9 | 56.1<br>58.9 | 56 • 1<br>58 • 9 | 56.1<br>58.9  |
| ≥ 8000<br>≥ 7000      | 61.0         | 01.3         | 61.3         | 61.4         | 61.4         | 61.5         | 61.7         | 61.7           | 61.7         | 61.7         | 61.8         | 61.4         | 61.9         | 61.9         | 61.9             | 61.9          |
| ≥ 6000<br>≥ 5000      | 65.2         | 65.8         | 60.0         | 66.2<br>67.4 | 66.5         | 66.6         | 66.4<br>68.4 | 66.9           | 66.9         | 66.9         | 67.0         | 67.0         | 67.1         | 67.1         | 67.1             | 67.1          |
| ≥ 4500<br>≥ 4000      | 66.9         | 70.0         | 68.3<br>70.5 | 68.5         | 68.9<br>71.2 | 69.0<br>71.3 | 69.4<br>71.6 | 71.6           | 71.6         | 69.4<br>71.6 | 69.5         | 69.5         | 69.6<br>71.8 | 69.6         | 69.0             | 69.6<br>71.8  |
| ≥ 3500<br>≥ 3000      | 09.2<br>70.2 | 70.4<br>71.5 | 71.1<br>72.4 | 71.3<br>73.0 | 71.7         | 71.8<br>73.5 | 72.2         | 72.2           | 72.2<br>73.9 | 72,2         | 72.3         | 72.3         | 77.4         | 72.4<br>74.1 | 72.4             | 76.1          |
| ≥ 2500<br>≥ 2000      | 71.2<br>74.1 | 72.6<br>76.8 | 73.4         | 74.1<br>76.3 | 74.5         | 74.6         | 74.9         | 74.9           | 74.9         | 74.9         | 75.1<br>77.3 | 75 · i       | 75.2         | 75.2         | 75.2             | 77.4          |
| ≥ 1800<br>≥ 1500      | 74.2<br>77.2 | 75.1<br>79.5 | 77.0<br>80.3 | 77.8<br>81.2 | 78.4         | 78.5         | 78.8         | 78.8<br>82.4   | 78.8         | 78.6         | 78.9<br>52.6 | 78.9         | 79.0<br>82.7 | 79.0         | 79.0             | 79.0<br>82.7  |
| ≥ 1200<br>≥ 1000      | 30.6<br>32.9 | 83.2<br>85.5 | 84.1<br>86.3 | 85.1<br>87.4 | 85.8         | 85.9         | 86.5         | 86.5           | 88.9         | 86.5<br>88.9 | 86.7         | 86.7         | 87.1         | 87.1<br>89.6 | 87.1             | 89.6          |
| ≥ 900<br>≥ 800        | 14.8         |              | 88.4         | 89.5         | 90.3         | 90.4         | 91.4         | 90.1<br>91.3   | 90.1         | 90.1         | 90.3         | 90.3         | 90.8         | 92.2         | 90.8             | 92.2          |
| ≥ 700<br>≥ 600        | 86.1         | 89.0         | 90.0         | 91.0         | 91.8         | 91.9         | 92.7         | 92.8           | 92.8         | 93.1<br>94.1 | 93.5         | 93.5         | 94.0         | 94.0         | 94.9             | 94.0          |
| ≥ 500<br>≥ 400        | 27.7         | A1.0         |              |              | 94.1         | 94.2         | 95.2         | 95.3           | 95.3         | 95.8         | 96.2         | 96.2<br>97.3 | 96.7         | 96.7         | 76.7<br>98.2     | 96.7          |
| ≥ 300<br>≥ 200        | 58.2         | 91.4         | 92.6         | 93.9         | 95.7<br>95.7 | 95.8         | 96.8         |                | 96.9<br>96.9 | 98.0         | 98.5         | 98.6         | 99.2         | 99.2         | 99.5             | 99.5          |
| ≥ 100<br>≥ 0          | *8.2         | 91.4         | 92.6         |              | 95.7<br>95.7 | 95.8<br>95.8 |              | 96.9           | 96.9         | 98.0         | 98.5<br>98.5 | 98.6         | 99.4         | 99.5         | 99.8             | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS...

2

CATA PROCESSING MIVISION SAF ETAT AIR WEATHER SERVICE/MAC

### **CEILING VERSUS VISIBILITY**

- 26 MOT SMITH NO I STATION NAME APT

\_\_\_\_ <del>37=66</del>\_

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<del>-0200-170c</del>

| CEILING                 |              |              |                      |                      |                  |                      | v                | ISIBILITY (ST.       | ATUTE MILE   | :S)          |                      | _                 |                  | -            |              |                      |
|-------------------------|--------------|--------------|----------------------|----------------------|------------------|----------------------|------------------|----------------------|--------------|--------------|----------------------|-------------------|------------------|--------------|--------------|----------------------|
| FEET                    | ≥ 10         | ≥ 6          | ≥ 5                  | ≥ 4                  | ≥ 3              | ≥ 21/2               | ≥ 2              | ≥ 11/5               | ≥ 1%         | ≥ 1          | ≥ ¾                  | ≥ 5/8             | ≥ ⅓              | ≥ 5, 16      | ≥ %          | ≥ 0                  |
| NO CEILING<br>≥ 20000   | 42.5         | 43.0         | 43.2                 | 43.3                 | 43.3             | 43.3                 | 43.4             | 43.4                 | 43,4         | 43.4         | 43.4                 | 43,4              | 43.4             | 43.4         | 43.4         | 43.4                 |
| ≥ 18000<br>≥ 16000      | 44.0         | 44.6         | 44.8                 | 44.9                 | 45.1<br>45.2     | 45.1                 | 45.4             | 45.3                 | 45.3         | 45.3         | 45.4                 | 45.4              | 45.4             | 45.4         | 45.5         | 45.4                 |
| ≥ 14000<br>≥ 12000      | 45.2         | 45.R         | 40.0                 | 46.1                 | 46.2             | 45.2                 | 46.5             | 46.5                 | 40.5         | 46.5         | 46.6                 | 40.6              | 46.6             | 46.6         | 46.6         | 46.6                 |
| ≥ 10000<br>≥ 9000       | 49.2         | 30.4         | 50.6                 | 50.8<br>54.7         | 50.9<br>54.8     | 50.9                 | 51.1<br>55.1     | 51.1<br>55.1         | 51.1<br>55.1 | 51.1<br>55.1 | 51.2                 | 51.2<br>55.2      | 51.2<br>55.2     | 51.2<br>55.2 | 51.2         | 51.2<br>55.2         |
| ≥ 8000<br>≥ 7000        | 56.2         | 59.8         | 60.1                 | 65.1                 | 60.3             | 65.3                 | 60.5             | 60.5<br>65.5         | 60.5         | 60.5         | 60.6                 | 60.6              | 60.6             | 60.6         | 60.3         | 60.8<br>65.7         |
| ≥ 6000<br>≥ 5000        | 63.8         | 65.5         | 66.0                 | 66.1                 | 66 • 3<br>67 • 1 | 66.3                 | 66 • 6<br>67 • 3 | 67.3                 | 60.6         | 66.6         | 66.7                 | 67.4              | 66.7             | 66.7         | 67.5         | 66.8<br>67.5         |
| ≥ 4500<br>≥ 4000        | 04.8<br>06.1 | 67.5         | 67.3                 | 67.4                 | 67.6             | 67.6                 | 67.8             | 67.8                 | 67.8         | 67.8         | 68.0                 | 68 • 0<br>• 9 • 7 | 68 • 0<br>59 • 7 | 67.7         | 68.1         | 68.1                 |
| ≥ 3500<br>≥ 3000        | 0.80         | 70.4         | 71.0                 | 69.7                 | 70.2             | 70.2                 | 72.4             | 70.5                 | 70.5         | 70.5         | 70.6<br>72.5         | 70.6              | 72.7             | 70.6         | 70.0         | 70.8                 |
| ≥ 2500<br>≥ 2000        | 71.0         | 71.9         | 72.5                 | 73.1                 | 73.9             | 73.9<br>76.0         | 74.4             | 74.4                 | 74.4         | 74.4         | 74.5                 | 74.5              | 74.7             | 74.7         | 74.8         | 74.8                 |
| ≥ 1800                  | 71.7         | 74.7         | 75.4                 | 76 · 1<br>78 · 9     | 77.2<br>80.1     | 77.2<br>80.1         | 77.8<br>80.9     |                      | 77.8         | 77.8         | 78.0<br>81.2         | 78.0<br>81.2      | 81.5             | 78.2         | 78.3<br>81.8 | 78.3                 |
| ≥ 1200                  | 76.6         | 80.0<br>82.8 | 81.3                 | 82.0                 | 83.7             | 83.7                 | 84.4             | 87.2                 | 87.2<br>87.6 | 87.3         | 87.0                 | 84.9              | 88.0             | 85.4         | 85.0         | 85.6                 |
| ≥ 900<br>≥ 800          | 79.2<br>79.9 | 67.4<br>64.3 | 84.3<br>85.4<br>87.1 | 85.1<br>86.2<br>88.2 | 86.8<br>88.1     | 86.8<br>88.1<br>90.1 | 87.7<br>89.0     | 87.8<br>89.1<br>91.2 | 49.1         | 89.6<br>91.6 | 88.4<br>90.1<br>92.3 | 90-1              | 90.5<br>92.8     | 89.0<br>90.9 | 91.6         | 91.6                 |
| ≥ 700<br>≥ 600<br>≥ 500 | 81.8<br>82.6 | 87.0         | 88.5                 |                      | 91.2             | 91.3<br>92.3         | 92.7             | 92.8                 | 92.8         | 93.2         | 93.9                 | 93.9              | 96.2<br>96.2     | 94.8<br>96.7 | 95.6         | 93.7<br>95.4<br>97.2 |
| ≥ 400                   | 13.0         | 65.4<br>65.7 | 89.4                 | 90.5                 | 92.7             | 92.8                 | 94.8             | 95.1                 | 95.5         | 95.5         | 96.3<br>97.1         | 94.3<br>97.1      | 97.1             | 97.5         | 98.4         | 98.4                 |
| ≥ 200                   | 63.4<br>83.3 | 55.7<br>58.7 | 89.7                 | _ * * _              | 93.1             | 93.2                 | 99.3             | 95.5                 | 95.5         | 96.1<br>96.1 | 97.1<br>97.1         | 97.1              | 98.0<br>98.1     | 98.5         | 99.5         | 99.5                 |
| ≥ 00                    | H3.3         | 45.7         | 89.7                 |                      | 93.1             | 93.2                 | 95.4             | 95.5                 | 95.5         | 96.1         | 97.1                 | 97.1              | 94.1             | 98.5         |              | 100.0                |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

MATA PROCESSIN MIVISIUM USAF ETAC AIR MEATMEN SENVICEMAC

#### CEILING VERSUS VISIBILITY

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-1200 H1400

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |              |      |              |              |        | ٧    | ISIBILITY (ST | ATUTE MILE | S <sub>I</sub> |              |              |              |              |              |               |
|-----------------------|--------------|--------------|------|--------------|--------------|--------|------|---------------|------------|----------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5  | ≥ 4          | ≥ 3          | ≥ 21/5 | ≥ 2  | ≥ 1%          | ≥ 11/4     | ≥ 1            | ≥ %          | ≥ 5/8        | ≥ ⅓          | ≥ 5/16       | ≥ ¼          | ≥ 0           |
| NO CEILING<br>≥ 20000 | 40.8         | 41.3         | 41,5 | 91.5         | 41.5         | 41.5   | 41.5 | 41.5          | 41.5       | 41,5           | 41.5         | 41.5         | 41.6         | 41.6         | 41.6         | 41.6          |
| ≥ 18000<br>≥ 16000    | 44.0         | 45.2<br>65.8 | 49.5 | 45.5         | 45.6         | 45.6   | 45.6 | 45.6          | 45.6       | 45.6           | 45.6         | 45.6         | 45.8         | 45.8         | 45.8         | 45,6          |
| ≥ 140°0<br>≥ 120 )    | 45.0         | 46.1         | 46.5 | 46.5         | 46.0         | 46.6   | 40.6 | 46.6          | 46.6       | 46.6           | 46.6         | 46.6         | 46.8         | 46.8         | 46.5         | 46.8          |
| ≥ 10000<br>≥ 9000     | 49.8         | >0.8         | 51.1 | 51.2         | 51.3         | 51.3   | 51.3 | 51.3          | 51.3       | 51.3           | 51.3         | 51.3         | 51.5         | 51.5         | 51.5         | 51.5          |
| ≥ 8000<br>≥ 7000      | 59.2         | 01.1         | 61.5 | 61.8         | 62.2         | 62.3   | 62.6 | 62.8          | 62.8       | 62.9           | 63.0         | 63.0         | 63.2<br>66.7 | 63.2         | 63.2         | 63.2          |
| ≥ 6000<br>≥ 5000      | 02.5         | 04.7         | 65.3 | 65.6         | 65.9         | 66.0   | 66.5 | 66.7          | 66.7       | 67.1           | 67.2         | 67.2         | 67.4         | 67.4         | 67.4         | 67.4          |
| ≥ 4500<br>≥ 4000      | 03.3         | 65.7         | 66.2 | 66.7         | 67.0         | 67.1   | 67.6 | 67.8          | 67.8       | 68.3           | 68.4         | 68.4         | 68.6         | 68.6<br>70.1 | 68.6         | 68.6          |
| ≥ 3500<br>≥ 3000      | 64.7         | 07.6         | 68.3 | 68.7         | 69.2<br>70.0 | 70.8   | 70.0 | 70.2          | 70.2       | 70.8           | 70.9         | 70.7         | 71.1         | 71.1         | 71.1         | 71.1          |
| ≥ 2500<br>≥ 2000      | 06.4         | 70.0         | 71.0 | 71.5         | 72.4         | 72.5   | 73.2 | 73.4          | 73.4       | 74.2           | 74.4         | 74.4         | 74.9         | 74.9         | 74.9         | 74.9          |
| ≥ 1600<br>≥ 1500      | 70.5         | 72.6<br>74.5 | 73.7 | 74.7         | 75.9<br>78.5 | 76.0   | 76.6 | 77.1          | 77.1       | 78.0           | 78.3         | 78.4         | 76,9         | 78.9<br>82.5 | 78.9<br>82.5 | 78.9          |
| ≥ 1200<br>≥ 1000      | 72.0         | 17.1         | 78.4 | 79.8         | 81.2         | 81.3   | 82.3 | 82.7          | 82.7       | 84.8           | 85.4         | 85.5<br>88.3 | #6.1         | 86.1         | 86 · 1       | 86.1          |
| ≥ 900<br>≥ 800        | 7459<br>76.1 | #0.4         | 81.7 | 83.1<br>84.6 | 84.8         | 84.9   | 85.9 | 86.3          | 86.3       | 88.7           | 89.4         | 89.6         | 90.2         | 90.2         | 90.4         | 90.4          |
| ≥ 700<br>≥ 600        | 76.7<br>77.5 | 82.5<br>83.3 | 83.8 | 85.5         | 87.4<br>64.4 | 87.5   | 84.5 | 88.9          | 88.9       | 91.4           | 92.3         | 92.6         | 93.3         | 93.5         | 93.9         | 93.9          |
| ≥ 500<br>≥ 400        | 76.0         | 64.9<br>85.7 | 86.2 | 88.1         | 90.1         | 90.2   | 91.4 | 91.8<br>92.7  | 91.8       | 94.4           | 95.3         | 95.7         | 97.0<br>98.1 | 97.2         | 97.5         | 97.5          |
| ≥ 300<br>≥ 200        | 79.5         | 85.C         | 87.4 | 89.2         | 91.4         | 91.5   | 92.9 | 93.2          | 93.2       | 95.8           | 96.9<br>97.1 | 97.5         | 98.7         | 99.2         | 99.7         | 99.7<br>100.0 |
| ≥ 100<br>≥ 0          | 79.5         | #6.0         | 87.4 | 89.2         | 91.5         | 91.6   | 92.9 | 93.3          | 93.3       | 96.0           | 97.1         | 97.6         | 99.0         |              | 100.0        | 100.0         |

TOTAL NUMBER OF OBSERVATIONS .....

TATA PRICESSING MIVISION SAF ETAC ATP MEATHER SERVICE/MAC

### **CEILING VERSUS VISIBILITY**

FIRT SHITE SHETS AND AND PT PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-1 200 ml 700

| CEI, ING              |              |              |              |              |              |       | V            | ISIBILITY ST | ATUTE MILE | (S)          |      |              | _    |              |              |      |
|-----------------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|--------------|------------|--------------|------|--------------|------|--------------|--------------|------|
| FEET                  | ≥ 10         | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 212 | ≥ 2          | ≥ 11/5       | ≥ 11/4     | ≥ 1          | ≥ ¾  | ≥ 5/8        | ≥ %  | ≥ 5, 16      | ≥ '•         | ≥ 0  |
| NO CEILING<br>≥ 20000 | 30.9         | 39.1         | 39.1         | 39.1         | 39.2         | 39.2  | 39.2         | 39.6         | 39.6       | 39.6         | 39.6 | 39.5         | 39.6 | 39.6         | 39.6         | 39.6 |
| ≥ 18000<br>≥ 16000    | 42.9         | 43.2         | 43.2         | 43.2         | 43.3         | 43.3  | 43.4         | 43.8         | 43.8       | 43.8         | 43.8 | 43.8         | 43.8 | 43.8         | 43.8         | 43.8 |
| ≥ 14000<br>≥ 12000    | 43.9         | 44.2         | 44.2         | 44.2         | 44.3         | 44.3  | 44.4         | 44.7         | 44.7       | 44.7         | 44.7 | 44.7         | 44.7 | 44.7         | 44.7         | 44.7 |
| ≥ 10000<br>≥ 9000     | 47.8         | 48.4         | 48.4<br>51.8 | 48.4<br>52.0 | 48.0<br>52.4 | 48.6  | 48.7         | 49.0         | 49.0       | 49.0         | 49.0 | 49.0         | 49.0 | 49.0<br>53.1 | 49.0<br>53.1 | 49.0 |
| ≥ 8000<br>≥ 7000      | 55.5         | 56.9         | 57.1<br>61.0 | 57.3         | 56.0<br>61.9 | 58.0  | 58.4         | 58.7<br>62.8 | 58.7       | 58.7<br>62.8 | 58.7 | 58.7         | 58.7 | 58.7         | 58.7         | 58.7 |
| ≥ 6000<br>≥ 5000      | 60.3         | 62.0         | 62.3         | 62.5         | 63.2         | 63.3  | 63.8         | 64.2         | 64.2       | 64.3         | 54.3 | 64.1         | 64.3 | 64.3         | 64.3         | 64.3 |
| ≥ 4500<br>≥ 4000      | 62.9         | 04.6         | 64.8         | 65.1         | 65.8         | 65.9  | 66.3         | 66. P        | 66.8       | 66.9         | 67.2 | 67.2         | 67.2 | 67.2         | 67.2         | 67.2 |
| ≥ 3500<br>≥ 3000      | 65.2         | 67.2         | 67.4         | 67.6         | 68.5         | 68.6  | 69.0         | 69,5         | 69.5       | 67.8         | 70.1 | 70.1         | 70.1 | 70.1         | 70.1         | 70.1 |
| ≥ 2500<br>≥ 2000      | 67.8         | 70.4         | 70.6         | 71.1         | 72.3         | 72.4  | 72.9         | 73.5         | 73.5       | 73.9         | 74.2 | 74.2         | 74.2 | 74.2         | 74.2         | 74.2 |
| ≥ 1800<br>≥ 1500      | 72.3         | 75.2<br>77.8 | 75.6<br>78.4 | 75.1         | 77.6         | 77.7  | 78.3<br>61.5 | 79.0         | 79.0       | 79.7         | 80.1 | 80.1         | 80.2 | 80.3         | 80.3         | 80.3 |
| ≥ 1200<br>≥ 1000      | 70.5         | 80.5         | 51.3         | 82.0         | 84.5         | 84.0  | 84.7         | 85.6<br>88.5 | 85.6       | 86.9         | 87.4 | 87.4<br>90.8 | 87.5 | 87.6         | 87.7<br>91.4 | 87.7 |
| ≥ 900<br>≥ 800        | 79.0         | 84.7         | 84.4         | 85.4         | 87.4         | 87.6  | 88.7         | 89.7         | 99.7       | 91.3         | 91.9 | 91.9         | 92.3 | 92.4         | 92.6         | 92.6 |
| ≥ 700<br>≥ 600        | 80.6         | 65.3         | 86.2         | 87.2<br>88.2 | 89.2<br>90.2 | 89,5  | 90.5         | 91.5         | 91.5       | 93.1         | 93.8 | 93.8         | 94.2 | 94.3         | 94.8         | 94.6 |
| ≥ 500<br>≥ 400        | 83.0<br>83.0 | 87.6         | 88.6         | 89.7         | 91.8         | 92.0  | 93.2         | 94.2         | 94.2       | 95.8         | 96.8 | 96.A         | 97.4 | 97.6         | 98.2         | 98.3 |
| ≥ 300<br>≥ 200        | P3.2         | 87.8<br>87.8 | 88.9         | 90.0         | 92.2         | 92.4  | 93.5         |              | 94.6       | 96.3         | 97.7 | 97.7         | 98.5 | 98.8<br>98.9 | 99.5         | 99.6 |
| ≥ 100<br>≥ 0          | #3.2         | #7.8<br>#7.8 | 88.9         | 90.0         | 92.2         | 92.4  | 93.5         | 94.6         | 94.6       | 96.3         | 97.7 | 97.7         | 98.6 | 98.9         | 99.6         | 99,8 |

TOTAL NUMBER OF OBSERVATIONS

MATA PRECESSING MIVISION SAF ETAC BIR WEAT ER SETVICENTAC

## CEILING VERSUS VISIBILITY

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CE.≱ING                    |                      |              |              |              |                      |      | v    | ISIBILITY IST | ATUTE MILE           | <b>(\$</b> ) |                      |                  |                      |              |              |              |
|----------------------------|----------------------|--------------|--------------|--------------|----------------------|------|------|---------------|----------------------|--------------|----------------------|------------------|----------------------|--------------|--------------|--------------|
| FEET                       | ≥ 10                 | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3                  | ≥ 2½ | ≥ 2  | ≥ 1½          | ≥ 11/2               | ≥ 1          | ≥ ¾                  | ≥ 5/8            | ≥ 1/2                | ≥ 5/16       | ≥ ¼          | ≥ 0          |
| NO CEILING<br>≥ 20000      | 45.9                 | 46.3         | 46.6         | 47.2         | 47.3                 | 47.3 |      | 47.3          | 47.3                 | 47.3         | 47.4                 | 47.4             | 47.8                 | 47.8         | 47.8         | 47.8         |
| ≥ 18000<br>≥ 16000         | 47.2                 | 47.6         | 47.8         | 48.5         | 48.0                 |      | 48.0 | 48.6<br>49.0  | 48.6                 | 48.6         | 48.7                 | 48.7             | 49.1                 | 49.1         | 49.1         | 49.1         |
| ≥ 14000<br>≥ 12000         | 48.3                 | 49.7         | 48.9         | 49.6         | 49.7                 | 49.7 | 49.7 | \$9.7         | 49.7                 | 49.7         | 49.8                 | 49.2<br>50.8     | 50.2                 | 50.2<br>51.2 | 50.2         | 50.2         |
| ≥ 10000<br>≥ 9000          | 34.4                 | 54.1<br>55.1 | 54.3         | 54.9<br>56.1 | 55.1<br>56.4         | 55.1 |      | 55.1<br>56.5  | 55.1<br>56.5         | 55.1<br>56.5 | 55.2                 | 55.2<br>56.4     | 55.6<br>57.0         | 55.6         | 55.6         | 55.6<br>57.0 |
| ≥ 8000<br>≥ 7000           | 57.3                 | 38.0<br>60.9 | 58.4<br>61.6 | 59.4<br>62.6 | 59.6<br>62.9         | 62.9 | 63.0 | 59.7          | 64.0                 | 03.0         | 59.8                 | 44.1             | 60.2                 | 60.2         | 60.2         | 60.2         |
| ≥ 6000<br>≥ 5000           | 61.2                 | 01.9         | 45.3         | 06.3         | 66.9                 | 66.9 | 64.5 | 67.0          | 67.0                 |              | 64.6                 | 64.6             | 67.7                 | 63.1         | 67.7         | 65.1         |
| ≥ 4500<br>≥ 4000           | 63.7                 | 65.3         | 68.3         | 67.2         | 69.9                 | 69.9 | 70.0 | 70.0          | 70.0                 | 70.0         | 70.3                 | 68.2<br>70.3     | 70.8                 | 70.8         | 70.8         | 70.8         |
| ≥ 3500<br>≥ 3000<br>≥ 2500 | 56.7                 | 70.2         |              | 70.6         | 71.3                 | 73.3 |      | 71.4          | 73.4                 | 73.4         | 71.8                 | 73.9             | 72.3                 | 72.3         | 74.3         | 72.3         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 70.1                 | 72.6         | 70.1         | 74.8         | 75.8<br>78.5         | 78.5 | 78.7 |               | 78.6                 | 78.8         | 79.2                 | 76 • 5<br>79 • 2 | 76.9                 | 79.B         | 79.8         | 79.8         |
| ≥ 1500<br>≥ 1500           | 72.6<br>75.1<br>76.8 | 75.5<br>78.6 | 60.0         | 78.3<br>dl.6 | 79.7<br>83.0<br>85.3 | 83.0 | 83.4 | 83.7          | 80.0<br>83.7<br>86.2 | 83.7         | 80.4<br>84.1<br>86.8 | 80.4<br>84.1     | 80.9<br>84.5<br>87.3 | 84.6         | 81.0<br>84.6 | 84.6         |
| ≥ 1000                     | 78.9                 | 82.8<br>83.8 | 84.4         | 85.0<br>87.1 | 87.8<br>88.9         | 88.1 | 68.7 | 89.1<br>90.2  | 89.1                 | 69.6         | 90.0                 | 90.0             | 1                    | 90.8         | 90.4         | 20.0         |
| ≥ 800<br>≥ 700             | 51.0                 | 84.9         | 80.7         | 88.3         | 90.1                 | 90.3 | 91.0 | 91.4          | 91.6                 | 91.8         | 92.3                 | 92.3             | 92.8                 | 93.0         | 93.0         | 93.0         |
| ≥ 600<br>≥ 500             | 33.2<br>54.5         | 87.3         | 89.1         | 90.9         | 94.9                 | 93.1 | 93.0 | 94.2          | 94.2                 | 94.6         | 95.1                 | 95.1             | 95.7                 |              | 99.9         | 95.9         |
| ≥ 400                      | 5.5                  | 89.6         |              | 93.2         | 95.3                 | 95.5 | 96.1 | 96.6          | 96.6                 |              | 97.6                 | 97.6             | 98.6                 | 98.6         | 98.6         | 98.6         |
| ≥ 200                      |                      | 90.0         | 91.9         | 93.7         |                      |      | 96.8 | 97.2          | 97.2                 | 97.6<br>98.0 | 98.4                 | 98.4             | 99.1                 | 99.4         |              | 99.4         |
| ≥ 0                        |                      | 90.0         |              |              | 95.8                 | 96.0 |      | 97.2          |                      |              |                      | 98.7             |                      | 99.7         |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

TATA PRODUSSING DIVESING DARK FTAT ALL LEAT ER DE VICEZ AC

### **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE

<del>-7 1.84 π € À 0 0</del>

|        |              |     | (FROM   | HOURLY OB | SERVA        | TIONS)       |   |
|--------|--------------|-----|---------|-----------|--------------|--------------|---|
| cr.:sa |              |     |         |           | VISIBILITY S | TATUTE MILES |   |
| FLET   | 1 > 10 1 > 6 | > 5 | > 4 > 3 | > 2' > 2  | > 1'5        | > 1% > 1     | T |

| cr. Na                  |              |              |              |              |              |       | V                    | SIBILITY ST. | ATUTE MILE | S .                  |      |                      |                      |              |              |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|--------------|------------|----------------------|------|----------------------|----------------------|--------------|--------------|--------------|
| FLET                    | 1 ≥ 10       | ≥ 6          | ≥ 5          | ≥ 4          | ≥ 3          | ≥ 2′2 | ≥ 2                  | ≥ 1'2        | ≥ 1%       | ≥ 1                  | ≥ ¾  | ≥ 5/8                | ≥ %                  | ≥ 5, 16      | ≥ .          | ≥ 0          |
| NO CE41NG<br>≥ 20000    | 17.0         | 47.6         |              | 48.1         | 40.3         | 48.3  | 48.3                 | 48.7         | 48.3       | 48.5                 | 48.5 | 49.5                 | 40.6                 |              |              |              |
| ≥ 18000<br>≥ 16000      | 48.2         | 48.8         |              | 47.2         |              | 44.5  | 49.5                 | 49.5         |            |                      |      |                      | 49.8                 | 49.8         | 49.0         |              |
| ≥ 14000<br>≥ 12000      | 49.0         |              | 49.7<br>51.0 | ,            | 50.3         |       | 50.5<br>51.6         |              |            |                      |      | 50.5<br>51.8         | 50.6<br>51.9         | 50.6<br>51.9 | 50.6         | 50.6         |
| ≥ 10000<br>≥ 9000       | 30.5         | 54.9<br>57.3 | 54.9         | 55.4<br>58.1 | 55.6<br>58.6 |       | 55.6<br>58.0         |              |            |                      |      | 55.8<br>58.5         |                      | 55.9<br>58.9 |              | 55.9<br>58.9 |
| ≥ 8000<br>≥ 7000        | 79.4         |              | 60.5         |              |              |       | 61.0                 |              |            | 61.8                 |      |                      |                      | 61.9         | 61.7         |              |
| ≥ 6000<br>≥ 5000        | -1.0         | • •          | 63.4         |              |              | 66.9  | 67.4                 | 57.0         | 67.0       | 65.1                 | 67.2 | 67.2                 | 65.2                 | /            | 65.7         |              |
| ≥ 4500<br>≥ 4000        | 63.8<br>63.9 | 05.5         | 04.3         | 08.7         | 49.7         | 69.7  | 69.9                 | 69.9         | 69.9       | 67.8<br>70.1         | 20.1 | 70.1                 | 70.3                 | 70.3         | 7000         |              |
| ≥ 3500<br>≥ 3000        | 67.0         |              | 71.0         | 72.3         | 73.2         | 73.2  | 73.5                 | 73.5         | 73.5       |                      | 73.8 | 73.8                 | 74.1                 | 74.1         | 74.1         |              |
| ≥ 2500<br>≥ 2000        | 71.0         | 1406         | 73.0<br>75.5 | 76.2         | 77.6         | 77.6  | 78.1                 | 78.1         | 78.1       |                      | 78.3 | 78.3                 | 78.6                 | 78.6         |              | 78.6         |
| ≥ 1800<br>≥ 1500        | 74.3         | 73.2         | 79.0         |              | 81.5         | 81.5  | 82.2                 | 82.4         | 82.4       | 82.6                 | 82.7 | 82.7                 |                      | 83.0         | 83.0         | 83.0         |
| ≥ 1200<br>≥ 1000        | 1901         | 83.2         | 84.4         |              | 87.3         | 87.3  | 88.0                 | 88.3         | 88.7       | 88.8                 | 88.9 | 88.9                 | 87.1<br>89.2         | 69.2         | 89.2         | 89.2         |
| ≥ 900<br>≥ 800          | 1001         | 04.3<br>05.5 | 80.8         | 86.8<br>88.0 | 89.7         | 49.7  | 90.4                 | 90.9         | 90.9       | 91.4                 | 90.3 | 91.5                 |                      | 91.8         | 90.6         | 91.5         |
| ≥ 700<br>≥ 600          | 42.0<br>83.0 | H7.3         | 88.0         |              | 91.5         | 91.5  | 92.4                 | 92.8         | 92.8       |                      | 93.5 | 93.5                 | 94.2                 |              | 94.2         | 94.2         |
| ≥ 500<br>≥ 400<br>≥ 300 | 14.0<br>2.2  | 88.5<br>99.9 | 91.4         | 91.1         | 94.4         | 94.4  | 94.0<br>95.5<br>96.0 | 95.9         | 95.9       | 90.6                 | 96.9 | 95.4<br>96.9<br>97.8 | 96.0<br>97.7<br>98.7 | 97.7         | 97.7         |              |
| ≥ 200<br>≥ 100          |              | 90.5         | 92.0         |              | 95.1         | 95.1  | 96.1                 | 96.6         | 96.6       | 97.4<br>97.8<br>98.3 | 98.3 | 98.4                 | 99.4                 | 99.4         | 98.7<br>99.4 | 99.4         |
| 2 00                    | 2.0          | 40.5         |              | 93.3         | 95.2         |       | 96.3                 |              |            | 98.3                 | 98.7 |                      |                      | - 1          | 99.8         |              |

OTAL NUMBER OF OBSERVATIONS

#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OXTAS           | TEITHS |
|-----------------|--------|
| 0               | 0      |
| 1               | 1      |
| 5               | 3      |
| 3               | 4      |
| 4               | 5<br>6 |
| 5               |        |
| 6               | 8      |
| 7               | 9      |
| 8 (or obscured) | 10     |

DATA PROCESSING DIVISION FTAG/USAF 2 AIR WEATHER SERVICE/MAC

SKY COVER

20102 FORT SHITH NWT DOT APT STATION NAME

57-66

PERIOD

ALL MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH       | HOURS    |      |     | PE  | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVI | ER   |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------------|----------|------|-----|-----|----------|-----------|-----------|----------|----------|------|------|------|-------------------|-----------------|
|             | (L.S.T.) | 0    | 1   | 2   | 3        | _ 4       | 5         | 6        | 7        | 8    | 9    | 10   | SKY COVER         | 085.            |
| JAK         | ALL      | 25.4 | 6,6 | 6.4 | 4 • 1    | 3.0       | 2.5       | 3.2      | 3.7      | 5.0  | 6.7  | 33.7 | 5.4               | 7435            |
| FEB         |          | 25.0 | 8.2 | 6.2 | 4.3      | 2.7       | 2.8       | 2.8      | 3.8      | 4.8  | 7.9  | 31.5 | 5.3               | 6765            |
| HAR         |          | 24.2 | 8.1 | 6.3 | 4.7      | 3.7       | 2.8       | 3.1      | 3.7      | 5.1  | 8.1  | 30.2 | 5.2               | 7440            |
| APR         |          | 16.9 | 9,3 | 7.4 | 5.1      | 3.9       | 4.2       | 3.8      | 5.3      | 7.0  | 9.6  | 27.6 | 5.5               | 7200            |
| : AY        |          | 8.0  | 9.3 | 7.7 | 6.1      | 5.0       | 5.1       | 4.9      | 6.8      | 8.6  | 15.5 | 22.3 | 6.6               | 7440            |
| JUN         |          | 4,9  | 9,7 | 8.2 | 6,6      | 5.6       | 5.6       | 6.0      | 8.3      | 10.8 | 16.3 | 18.0 | 6.0               | 7200            |
| JUL         | = .      | 2.9  | 8.2 | 7.4 | 7.4      | 6.3       | 6.8       | 6.7      | 9.3      | 11.9 | 15.9 | 16.7 | 6.2               | 7440            |
| AUG         | <b>.</b> | 6.6  | 8.4 | 7.5 | 7.5      | 6,4       | 6.0       | 6.0      | 7.7      | 10.3 | 14.7 | 19.0 | 6.0               | 7440            |
| SEP         |          | 9,3  | 6.5 | 5.9 | 4.8      | 4.2       | 4.2       | 3.9      | 5.4      | 8.2  | 13.6 | 34.1 | 6.6               | 7200            |
| OCT         |          | 8.4  | 5.2 | 5.0 | 4.3      | 3.3       | 2.9       | 3.0      | 4.2      | 6.2  | 13.2 | 44.2 | 7.2               | 7440            |
| <b>~</b> 0√ |          | 9.8  | 4.3 | 4.0 | 3.3      | 3.0       | 2.4       | 2.8      | 3.5      | 5.3  | 9.3  | 52.5 | 7.4               | 7200            |
| D <b>EC</b> |          | 16.2 | 6.6 | 5.2 | 3.7      | 3.4       | 3.0       | 2.9      | 3.7      | 4.9  | 9.0  | 41.5 | 6.4               | 7440            |
| 101         | ALS      | 13.2 | 7,5 | 6.5 | 5.2      | 4.2       | 4.0       | 4.1      | 5.5      | 7.4  | 11.7 | 30.9 | 6.1               | 87643           |

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

2

SKY COVER

MAL

MONTH

26102 FORT SMITH NWT DUT APT 57-66 STATION STATION NAME PERIOD

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |     |     |       |     |                                        |     |     |     |      |      | MEAN TENTHS OF | TOTAL<br>NO OF |
|-------|-------------------|---------------------------------------------------|-----|-----|-------|-----|----------------------------------------|-----|-----|-----|------|------|----------------|----------------|
|       |                   | 0                                                 | 1   | 2   | 3     | 4   | 5                                      | ٥   | 7   | 8   | 9    | 10   | SKY COVER      | OBS.           |
| JAN   | 00-02             | 36,9                                              | 5.3 | 5.3 | 3.3   | 2.0 | 1.3                                    | 2.5 | 3.9 | 3.0 | 2.5  | 34.1 | 4.7            | 930            |
|       | D3-05             | 37.4                                              | 4.1 | 4.5 | 3.7   | 2.7 | 2.2                                    | 3.0 | 4.2 | 2.8 | 2.7  | 32.7 | 4.7            | 92             |
|       | 00-08             | 30.0                                              | 5,4 | 5,4 | 4.0   | 3.0 | 3.1                                    | 2.7 | 3.3 | 5.2 | 5.4  | 32.5 | 5.1            | 921            |
|       | p9-11             | 13.7                                              | 6.9 | 8.0 | 4.8   | 3.8 | 3.2                                    | 3.3 | 3.5 | 6.6 | 11.7 | 34.5 | 6.2            | 930            |
|       | 12-14             | 14.0                                              | 7.0 | 5.3 | 4.4   | 3,8 | 2.7                                    | 4.7 | 5.4 | 6.6 | 12.3 | 34.0 | 6.3            | 930            |
|       | 15-17             | 11.4                                              | 9.7 | 9.2 | 5.5   | 3.7 | 2.6                                    | 3.5 | 4.2 | 6.6 | 10.3 | 33.3 | 6.0            | 930            |
|       | 18-20             | 23.9                                              | 9.1 | 7.8 | 4.5   | 2.5 | 2.4                                    | 3.8 | 2.8 | 5.1 | 4.5  | 33.7 | 5.2            | 93(            |
|       | 21-23             | 34.2                                              | 4.9 | 5.7 | 2.8   | 2.8 | 2.3                                    | 2.4 | 2.6 | 4.1 | 3.8  | 34.5 | 4.9            | 930            |
| - · · |                   | •                                                 |     |     |       |     |                                        |     | -   |     |      |      | <u> </u>       | <del></del>    |
|       |                   |                                                   |     |     | · · • |     | ······································ |     |     |     |      | !    |                |                |
|       |                   | <u> </u>                                          |     |     |       |     |                                        |     |     |     |      |      | į              |                |
| TC    | DTALS             | 25.2                                              | 6.6 | 6.4 | 4.1   | 3.0 | 2.5                                    | 3.2 | 3.7 | 5.0 | 6.7  | 33.7 | 5.4            | 743            |

USAF ETAC FORM | 0.9.5 (OL1) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

26102 FIRT SMITH NWT UDT APT

57-66

FEB

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| TO           | DTALS    | 25.0     | 8.2  | 6.2    | 4.3      | 2.7       | 2.8      | 2.8      | 3.6      | 4.8 | 7.9  | 31.5 | 5.3                                              | 676   |
|--------------|----------|----------|------|--------|----------|-----------|----------|----------|----------|-----|------|------|--------------------------------------------------|-------|
|              |          |          |      |        |          |           |          |          |          |     |      |      |                                                  |       |
|              |          | <u> </u> |      |        |          |           |          |          |          |     |      |      |                                                  |       |
|              |          | ·        |      | !<br>! |          |           |          |          |          |     |      |      |                                                  |       |
|              | •        |          |      |        |          |           |          |          |          |     |      |      | <del>                                     </del> | i     |
|              | 21-23    | 36.4     | 5.8  | 5.1    | 3.3      | 1.8       | 2.1      | 3.2      | 3.2      | 3.3 | 6.0  | 29.8 | 4.6                                              | 8     |
|              | 18-20    | 19.6     | 10.8 | 9.1    | 5.8      | 3.2       | 2.2      | 3.3      | 4.4      | 4.8 | 7.9  | 28.8 | 5.2                                              | 8     |
|              | 15-17    | 12.9     | 12.8 | 7.3    | 4.0      | 2.6       | 3.4      | 4.5      | 6.3      | 6,3 | 10.6 | 29.3 | 5.4                                              | 8     |
|              | 12-14    | 14.8     | 8.4  | 6.0    | 6.0      | 3.7       | 3.5      | 2.8      | 4.8      | 7.1 | 12.2 | 30.6 | 5 0                                              | 6     |
|              | 09-11    | 14.8     | 9,9  | 5.9    | 5.3      | 2.8       | 3.3      | 2.7      | 4+3      | 6.7 | 9.5  | 34.8 | 6.0                                              | 84    |
| <del>_</del> | p6-08    | 24.8     | 8,3  | 3.9    | 4.1      | 2.7       | 3.9      | 2.0      | 3.5      | 4+1 | 7.2  | 33.3 | 5.3                                              | 54    |
|              | 03-05    | 37.8     | 4.7  | 5.2    | 2.4      | 2.0       | 1.8      | 1.8      | 1.2      | 3.7 | 4.7  | 34   | 4.7                                              | 84    |
| EB           | 00-02    | 38.4     | 4.7  | 4.7    | 3.8      | 2.5       | 2.2      | 2.0      | 2.5      | 2.6 | 5.2  | 30.9 | 4.5                                              | 84    |
| ONTH         | (L.S.T.) | 0        | 1    | 2      | 3        | 4         | 5        | 6        | 7        | 8   | 9    | 10   | SKY COV                                          | 085   |
|              | HOURS    |          |      | PE     | RCENTAGE | FREQUENCY | OF TENTH | OF TOTAL | SKY COVE | R   |      |      | MEAN<br>TENTHS O                                 | TOTAL |

USAF ETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAG

**SKY COVER** 

26102 FURT SMITH NWT DOT APT

STATION NAME

57-66

MAR

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| TC    | DTALS    | 24.2 | 8.1         | 6.3 | 4.7       | 3.7                     | 2.8       | 3.1      | 3.7       | 5.1 | 8.1  | 30.2 | 5.2            | 744             |
|-------|----------|------|-------------|-----|-----------|-------------------------|-----------|----------|-----------|-----|------|------|----------------|-----------------|
|       |          | · ·  | ļ           |     | - · •     |                         |           |          |           |     |      |      | -              |                 |
|       |          |      | ·<br>·<br>· |     |           | ·<br>· · · <del>·</del> |           |          |           |     |      |      | 1              | · ·             |
|       | 21-23    | 37.1 | 6.2         | 5.5 | 3.9       | 4.0                     | 2.2       | 2,2      | 3.4       | 3.0 | 4.2  | 28.4 | 4.4            | 93              |
|       |          |      | 12.4        | 9.8 | 5.2       | 4.0                     | 3.9       | 3.3      | 3.9       |     | 10.4 | !    | 5.5            |                 |
|       | 15-17    | •    | 9.6         |     | 6.6       | 4.7                     | 3.4       | 4,6      |           |     | 12.6 |      | •              | 93              |
|       | 12-14    | 15.7 | 9.0         | 7.6 | 5.6       | 4.4                     | 3.8       | 3.8      |           |     |      | 28.6 | 5.6            | 93              |
|       | 09=11    | 15.1 | 9.0         | 6.6 | 5.2       | 4.1                     | 3.0       | 3.5      |           | 6.8 | 11.6 |      | 5.8            | 93              |
|       | 05-08    | 16.3 | 8.9         | 5.2 | 3.9       | 3.0                     | 2.7       | 2.8      | 4.7       | 6.8 | 8.9  | 34.8 | 5.9            | 93              |
|       | 03-05    | 38.7 | 4.6         | 4.8 | 3.7       | 3.1                     | 2.5       | 1.9      | 2.0       | 2.5 | 3.5  | 32.6 | 4.5            | 93              |
| AR    | 00-02    | 40.8 | 5.3         | 4.2 | 3.8       | 2.6                     | 1.2       | 2.7      | 1.6       | 2.7 | 3.7  | 31.6 | 4.4            | 93              |
| MONTH | (L.S.T.) | 0    | 1           | 2   | 3         | 4                       | 5         | 6        | 7         | 8   | 9    | 10   | SKY COVER      |                 |
|       | HOURS    | 1    |             | PE  | CENTAGE I | REQUENCY                | OF TENTHS | OF TOTAL | SKY COVER | ?   |      |      | MEAN TENTHS OF | TOTAL<br>NO. OF |

USAF ETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

كالمراب المستقليف ومني وينت بينا فللمناوسين وبنيا وينا فللما بيان الرفياء والمناوي الربيان يالي الروازي اليالي

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

26102

PORT SMITH NWT DOT APT

57-66

APR

STATION

STATION NAME

PERIOD

# PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

| MONTH | HOURS    | <u> </u>    |      | PE  | RCENTAGE I    | REQUENCY | OF TENTHS       | OF TOTAL | SKY COVE | R      |      |      | MEAN TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|-------------|------|-----|---------------|----------|-----------------|----------|----------|--------|------|------|----------------|-----------------|
| MUNIH | (L.S.T.) | 0           | 1    | 2   | 3             | 4        | 5               | 6        | 7        | 8      | 9    | 10   | SKY COVER      | OBS.            |
| ΔPR   | 00-02    | 37.7        | 3,9  | 6.1 | 4 • 1         | 3.3      | 3.2             | 2.4      | 3.7      | 4.0    | 5.2  | 26.3 | 4.4            | 900             |
|       | 03-05    | 25.2        | 9.7  | 6.6 | 4.2           | 3.2      | 4.6             | 3.9      | 4.3      | 5.2    | 7.0  | 25.9 | 4.9            | 900             |
|       | U6=08    | 13.2        | 8.0  | 6.4 | 4.2           | 3.0      | 3.6             | 3.6      | 6.8      | 10 • 2 | 11.2 | 29.8 | 6.1            | 900             |
|       | 09-11    | 11.6        | 8.8  | 7.3 | 5.0           | 4.6      | 4.8             | 3.4      | 5.1      | 7.2    | 11.3 | 30.9 | 6.1            | 900             |
|       | 12-14    | 9.6         | 8.2  | 8.4 | 5.7           | 4.3      | 5.8             | 4.7      | 6.6      | 8.0    | 9.6  | 29.2 | 6.0            | 900             |
|       | 15-17    | 8.0         | 11.6 | 8.2 | 5.9           | 3.9      | 4.6             | 4.7      | 6.6      | 7.4    | 10.3 | 28.9 | 6.0            | 900             |
|       | 18-20    | 8.9         | 11.6 | 7.8 | 6.4           | 3.0      | 3.8             | 4.1      | 5.4      | 8,4    | 14.7 | 25.1 | 5.9            | 900             |
|       | 21-23    | 20•6        | 12.4 | 6.3 | 5.3           | 5.1      | 3.0             | 3.4      | 4.2      | 5.7    | 7.1  | 24.8 | 4.9            | 906             |
|       |          |             |      | •   |               | ·        | :               |          |          | ·<br>  | <br> |      | -              |                 |
|       |          | • · · · = · |      |     | · · - · - · · | · · ·    | · · <del></del> |          |          |        |      |      |                |                 |
|       | OTALS    | 10.9        | 9,3  | 7.4 | 5.1           | 3.9      | 4.2             | 3.8      | 5.3      | 7.0    | 9.6  | 27.6 | 5.5            | 720             |

USAF ETAC FORM 0 9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

26102 STATION

2

FURT SMITH NWT DOT APT

57-66

мдУ

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| TC   | DTALS    | 8.0  | 9.3      | 7.7  | 6.1       | 5.0                    | 5.1       | 4.9         | 6.8         | 8.8                                          | 15.5 | 22.3 | 6.0               | 744            |
|------|----------|------|----------|------|-----------|------------------------|-----------|-------------|-------------|----------------------------------------------|------|------|-------------------|----------------|
|      | <u> </u> |      | <u> </u> | · ·  | - · ·     |                        |           |             | 1           |                                              |      |      |                   |                |
|      |          | -    | <br>     |      |           | - · - · - <del>·</del> | <br>      | <del></del> | <br>• — – - | <u>.                                    </u> |      | ]    |                   | ·              |
|      |          | ~    |          |      |           | -                      |           |             | :           | !<br>!                                       |      |      |                   |                |
|      | 21-23    | 6.7  | 11.5     | 10.2 | 7.8       | 5.8                    | 5.4       | 3.8         | 5.1         | 8.4                                          | 15.2 | 20.2 | 5.7               | 91             |
|      | 18-20    | 7.0  | 6.9      | 7.2  | 6.8       | 5.9                    | 4.5       | 4.5         | 7.4         | 11.0                                         | 17.8 | 21.0 | 6.2               | 9;             |
|      | 15-17    | 5,4  | 4.6      | 5,6  | 5.8       | 4,3                    | 5,4       | 7.1         | 10.2        | 11.3                                         | 19.7 | 20.4 | 6.6               | 9              |
|      | 12-14    | 5,6  | 7.8      | 5.6  | 4.5       | 4.3                    | 6.7       | 6.6         | 8.6         | 8.9                                          | 17.2 | 23.8 | 6.5               | 9;             |
|      | 09-11    | 8,8  | 7.3      | 7.6  | 7.0       | 4.5                    | 4.8       | 4.4         | 6.1         | 9.5                                          | 15.2 | 24.7 | 6.1               | 9              |
|      | 06_08    | 8,8  | 10.4     | 7.4  | 4.9       | 5.2                    | 5.1       | 3.5         | 6,2         | 8.3                                          | 14.6 | 25.5 | 6.0               | 93             |
|      | 03-05    | 11.0 | 11.6     | 8.3  | 5.5       | 5.7                    | 4.1       | 4.8         | 4,9         | 7.4                                          | 13.5 | 23.1 | 5.6               | 93             |
| AY   | 00-02    | 15.2 | 14.1     | 9.4  | 5.2       | 4.3                    | 4.8       | 4.2         | 5.5         | 5.7                                          | 11-1 | 19.6 | 5.0               | 9;             |
|      | (L.S.T.) | 0    | 1        | 2    | 3         | 4                      | 5         | 6           | 7           | 8                                            | 9    | 10   | SKY COVER         | OBS.           |
| ONTH | HOURS    |      |          | PEF  | CENTAGE I | REQUENCY               | OF TENTHS | OF TOTAL    | SKY COVE    | R                                            |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. O |

USAF ETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSQLETE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

26102

FURT SMITH NET DUT APT

57-66

PERIOD

JUN MONTH

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS                                 |     |              | PE                                    | RCENTAGE       | FREQUENCY | OF TENTHS | OF TOTA     | L SKY COVE | R        |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|---------------------------------------|-----|--------------|---------------------------------------|----------------|-----------|-----------|-------------|------------|----------|------|------|-------------------|-----------------|
| MONIN | (L.S.T.)                              | 0   | 1            | 2                                     | 3              | 4         | 5         | 6           | 7          | 8        | 9    | 10   | SKY COVER         | OBS.            |
| JUN   | 00-02                                 | 7.3 | 13.7         | 10.1                                  | 9.6            | 5.4       | 4.4       | 6.6         | 6.6        | 6.8      | 14.0 | 15.6 | 5.3               | 900             |
|       | 03-05                                 | 6.7 | 13,3         | 10.0                                  | 7.1            | 4.8       | 4.7       | 4,2         | 5.9        | 9.3      | 15,9 | 18.1 | 5,6               | 900             |
|       | 06-08                                 | 8.3 | 12.9         | 9.3                                   | 7.8            | 3.7       | 5.0       | 4.4         | 4.4        | 8.8      | 16.0 | 19.3 | 5.6               | 900             |
|       | 09-11                                 | 4.3 | 9.6          | 7.4                                   | 5.0            | 5.9       | 3.4       | 6.4         | 9.1        | 11.8     | 15.4 | 19.6 | 6.2               | 900             |
|       | 12-14                                 | 2.6 | 4.6          | 4.4                                   | 4.9            | 4,8       | 5.6       | 8.8         | 13.8       | 14.9     | 15.1 | 20.7 | 6,9               | 900             |
|       | 15-17                                 | 1.8 | 5.6          | 4.0                                   | 4.4            | 6.1       | 8.7       | 7.3         | 10.8       | 13.7     | 20.6 | 17-1 | 6.8               | 900             |
|       | 18-20                                 | 3.1 | 7.1          | 8.1                                   | 6.7            | 7.7       | 5.7       | 5,9         | 8.8        | 11.7     | 18.9 | 16.4 | 6.3               | 900             |
|       | 21-23                                 | 5.2 | 10.7         | 12.6                                  | 7.6            | 6.0       | 5.6       | 4.4         | 7.0        | 9.1      | 14.8 | 17.1 | 5.6               | 900             |
|       | · · · · · · · · · · · · · · · · · · · |     | +            |                                       |                |           |           |             |            | <u> </u> |      | ļ    | <u> </u>          |                 |
|       | - <del> </del>                        |     | <del>.</del> | ÷                                     | · <del>-</del> |           |           |             |            |          | -    |      |                   | <br>            |
|       |                                       |     |              | · · · · · · · · · · · · · · · · · · · |                | · - ·     |           | <del></del> |            | -        |      |      |                   |                 |
| TO    | DTALS                                 | 4.9 | 9.7          | 8.2                                   | 6.6            | 5.6       | 5.6       | 6.0         | 8.3        | 10.8     | 16.3 | 18.0 | 6.0               | 720             |

USAF ETAC FORM JUL 64 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

FORT SMITH NWT DOT APT STATION NAME

57-66

JUL

PERIOD

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| TC    | OTALS    | 2.9 | 8.2                                     | 7.8                                   | 7.4     | 6.3                                   | 6.8      | 6.7        | 9.3        | 11.9 | 15.9 | 16.7 | 6.2               | 744             |
|-------|----------|-----|-----------------------------------------|---------------------------------------|---------|---------------------------------------|----------|------------|------------|------|------|------|-------------------|-----------------|
|       |          |     |                                         | tt                                    |         |                                       | =:       |            |            |      |      |      |                   |                 |
|       |          |     |                                         |                                       |         |                                       |          |            |            |      |      |      | ļ                 | <u></u>         |
|       |          |     | •                                       | · · · · · · · · · · · · · · · · · · · |         | · · · · · · · · · · · · · · · · · · · |          |            |            |      |      |      |                   |                 |
|       |          |     | • · · · · · · · · · · · · · · · · · · · | . — : :                               | •       |                                       |          |            | i          |      | 1    |      |                   |                 |
|       | 21-23    | 2.0 | 10.2                                    | 8.5                                   | 8.0     | 6.5                                   | 8.6      | 5.6        | 7.5        | 9.7  | 15.6 | 17.6 | 6.0               | 93              |
|       | 19-20    | 1.0 | 5.1                                     | 8.0                                   | 8.5     | 5.8                                   | 8,3      | 7.2        | 10.5       | 13.4 | 15.6 | 15.6 | 0.4               | 93              |
|       | 15-17    | . 2 | 3.1                                     | 5.4                                   | 7.2     | 6.1                                   | 7.8      | 7.5        | 12.3       | 17.0 | 18.8 | 14.5 | 6.8               | 93              |
|       | 12-14    | . 8 | 3.5                                     | 4.7                                   | 4.8     | 6.3                                   | 8.2      | 10.3       | 12.3       | 14.4 | 21.1 | 13.5 | 6.8               | 93              |
|       | 09-11    | 3.4 | 7.3                                     | 6.6                                   | 7.3     | 6.9                                   | 6.8      | 6.8        | 8.8        | 12.0 | 16.1 | 18.0 | 6.3               | 93              |
|       | 06-08    | 5.2 | 11.6                                    | 8.9                                   | 7.1     | 4.3                                   | 4.5      | 6.6        | 7.2        | 11.9 | 13.8 | 18.9 | 5.9               | 93              |
|       | 03-05    | 5.2 | 11.3                                    | 8.5                                   | 7.6     | 5.7                                   | 5.4      | 4.7        | 8.7        | 8.6  | 15.9 | 18.4 | 5.9               | 93              |
| JUL   | 100-02   | 5.1 | 13.7                                    | 11.5                                  | 8.9     | 8.4                                   | 4.8      | 5.1        | 7.1        | 8,4  | 10.3 | 16.8 | 5.3               | 93              |
| MUNIN | (L.S.T.) | 0   | 1                                       | 2                                     | 3       | 4                                     | 5        | 6          | 7          | 8    | 9    | 10   | SKY COVER         | OBS.            |
| MONTH | HOURS    |     |                                         | PER                                   | CENTAGE | FREQUENCY                             | OF TENTH | S OF TOTAL | L SKY COVE | R    |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |

USAF ETAC FORM JUL 64 0.9.5 (OL!) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

26102 FURT SMITH NET DOT APT

57-66

AUG MONTH

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS     |        |      | PE   | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R     |          |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF                       |
|-------|-----------|--------|------|------|----------|-----------|-----------|----------|----------|-------|----------|------|-------------------|---------------------------------------|
| MONIH | {L.S.T.}  | 0      | 1    | 2    | 3        | 4         | 5         | 6        | 7        | 8     | 9        | 10   | SKY COVER         | 085.                                  |
| ΔUG   | 00-02     | 19.2   | 12.0 | 10.4 | 7.7      | 5.9       | 5.3       | 3.9      | 6.1      | 6.3   | 6,5      | 16.6 | 4.5               | 930                                   |
|       | 03-05     | 10.4   | 12.9 | 8.1  | 8.0      | 3.1       | 4.9       | 4.4      | 8.4      | 9.0   | 11.6     | 16.6 | 5.3               | 930                                   |
|       | 06=08     | 6.1    | 8.4  | 6.1  | 7.3      | 0.1       | 5.2       | 5.3      | 7.0      | 9.9   | 16.9     | 21.7 | 6.2               | 930                                   |
|       | 09-11     | 4.5    | 6.2  | 4.8  | 5.9      | 6.5       | 6.0       | 6.7      | 8.6      | 10.9  | 15.6     | 24+0 | 6.6               | 930                                   |
|       | 12-14     | 1.5    | 4.6  | 3.4  | 5.6      | 5.3       | 7.8       | 8.3      | 9.7      | 14.5  | 19.6     | 19.7 | 7.0               | 930                                   |
|       | 15-17     | 1.9    | 3,9  | 5.1  | 7.0      | 7.7       | 7.7       | 7.8      | 8.1      | 12.8  | 18.1     | 19.9 | 6.7               | 930                                   |
|       | 19-20     | 2.7    | 7,8  | 9.6  | 9.0      | 7.0       | 5.7       | 5.4      | 8.1      | 10.4  | 17.6     | 16.7 | 6.1               | 930                                   |
|       | 21-23     | 0,3    | 11.4 | 12.3 | 8.5      | 7.3       | 5.6       | 6.3      | 5.7      | 8.6   | 11.5     | 16.5 | 5.3               | 930                                   |
|       | ·         | •      |      | I.   |          |           |           |          |          | ļ<br> | <u> </u> |      |                   | ·                                     |
|       | . <u></u> |        | 4    | ·    |          |           |           |          |          |       |          |      |                   | · · · · · · · · · · · · · · · · · · · |
|       |           | i<br>+ | Ļ    |      |          | · · ·     |           |          |          |       | ļ        |      |                   | · · · · · · · · · · · · · · · · · · · |
|       |           |        |      | !    | i        |           |           |          |          |       |          |      |                   |                                       |
| TO    | DTALS     | 6,6    | 8,4  | 7.5  | 7.5      | 0.4       | 6.0       | 6.0      | 7.7      | 10.3  | 14.7     | 19.0 | 6.0               | 7440                                  |

USAF ETAC PORM | 0.9.5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE/MAC 2

SKY COVER

26102 FORT SMITH NWT DOT APT

57-66

SEP

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HCURS    |        |       | PE  | RCENTAGE I | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R     |        |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|--------|-------|-----|------------|-----------|-----------|----------|----------|-------|--------|------|-------------------|-----------------|
| MONIH | (L.S.T.) | 0      | 1     | 2   | 3          |           | 5         | 6        | 7        | 8     | 9      | 10   | SKY COVER         | Q85.            |
| SEP   | 00-02    | 23.0   | 7.4   | 7.3 | 3.9        | 3.9       | 3.6       | 3.1      | 3.7      | 5.4   | 7.0    | 31.7 | 5.3               | 900             |
|       | 03-05    | 19.5   | 7.2   | 5.8 | 5.2        | 4.0       | 2.2       | 2.7      | 3.2      | 6.9   | 7.3    | 35,9 | 5.8               | 900             |
|       | 06=08    | 4,4    | 7.3   | 4.0 | 4.1        | 3.0       | 4.8       | 2.6      | 6.7      | 8.1   | 17.2   | 37.8 | 7.2               | 900             |
|       | 09-11    | 3.4    | 6.1   | 4.3 | 3.4        | 2.2       | 3.9       | 3.9      | 6.6      | 9.8   | 16.7   | 39.7 | 7.5               | 900             |
|       | 12-14    | 2.3    | 4.1   | 4.1 | 3.4        | 4.0       | 5,9       | 6.1      | 5.7      | 12.3  | 17.6   | 34.4 | 7.5               | 900             |
|       | 15-17    | 2.1    | 4 = 1 | 5.7 | 4.4        | 4.9       | 6.0       | 4.7      | 7.0      | 9.8   | 19.7   | 31.7 | 7.3               | 900             |
|       | 18=20    | 3.9    | 7.3   | 8.0 | 7.9        | 5.2       | 4.8       | 4.2      | 5.2      | 8,3   | 10.4   | 26.7 | 6.6               | 900             |
|       | 21-23    | 15.7   | 8.7   | 7.6 | 5.8        | 6.1       | 2.1       | 3.8      | 5.4      | 5.2   | 6.9    | 32.8 | 5.7               | 900             |
|       | <b>.</b> |        |       |     |            |           |           |          |          |       | ļ<br>+ | ļ    | İ                 |                 |
| l     |          |        |       |     |            |           |           |          |          | ļ<br> |        | ļ    |                   |                 |
|       |          | ;<br>+ |       |     |            |           | ·         |          |          |       |        |      |                   | ·               |
|       |          |        |       |     |            |           |           |          |          |       |        |      |                   |                 |
| 10    | DTALS    | 9.3    | 6.5   | 5.9 | 4 . 8      | 4.2       | 4.2       | 3.9      | 5.4      | 6.2   | 13.6   | 34+1 | 6.6               | 7200            |

USAF ETAC FORM JUL 64 0.9.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION FTAC/USAF AIR WEAT SERVICE/MAC

SKY COVER

26102 FIRT SMITH MIST DOT APT 57466 TCT
STATION STATION NAME PERIOD MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |      |     | PE  | RCENTAGE F | REQUENCY    | OF TENTHS | OF TOTAL | SKY COVE | R   |              |                                              | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|------|-----|-----|------------|-------------|-----------|----------|----------|-----|--------------|----------------------------------------------|-------------------|-----------------|
| MONIA | (L S T ) | 0    | 1   | 2   | 3          | 4           | 5         | 6        | 7        | 8   | 9            | 10                                           | SKY COVER         |                 |
| DCT   | 00-02    | 16.6 | 4.6 | 5.5 | 4.9        | 3.7         | 2.0       | 2.9      | 4+1      | 4.5 | 6.1          | 45.1                                         | 6.4               | 930             |
|       | 03-05    | 15.5 | 4.0 | 5.2 | 5.4        | 2.9         | 2.8       | 3.3      | 3.9      | 4.9 | 7.7          | 44.4                                         | 6.6               | 930             |
|       | 06-08    | 5.8  | 5,4 | 5.7 | 4.1        | 4.2         | 2.2       | 4.0      | 5.1      | 6,7 | 13.5         | 43.4                                         | 7.3               | 930             |
|       | 09-11    | 2.3  | 5.2 | 5.4 | 4.7        | 2.0         | 3.2       | 3.0      | 4.4      | 7.4 | 17.5         | 44.8                                         | 7.7               | 930             |
|       | 12-14    | 2.6  | 5.6 | 4.1 | 3.2        | 2.3         | 2.3       | 2.9      | 4.3      | 9.0 | 20.4         | 43.3                                         | 7.8               | 930             |
|       | 15-17    | 2.0  | 5,6 | 4.4 | 3.4        | 2.9         | 3.7       | 2.6      | 4.6      | 7.8 | 21.3         | 41.4                                         | 7.7               | 930             |
|       | 18-20    | 6.5  | 6.7 | 5.3 | 4.8        | 4.8         | 3.1       | 2.5      | 4+1      | 5.8 | 12.7         | 43.5                                         | 7.1               | 930             |
|       | 21-23    | 10.1 | 4.2 | 4.5 | 3.9        | 3.9         | 3.9       | 2.7      | 3.1      | 3.7 | 6.1          | 48.0                                         | 6.6               | 930             |
|       |          |      |     |     |            |             |           |          | <u> </u> |     | <del> </del> | <u>.                                    </u> | -                 |                 |
|       |          |      |     |     |            |             |           |          |          |     |              | -                                            |                   |                 |
|       | <u></u>  | • •  |     |     |            |             |           |          |          |     |              | -                                            |                   |                 |
|       | ·        |      |     |     |            | <del></del> |           |          | <br>     |     | -            | <del> </del>                                 | <b></b>           |                 |
| 10    | TALS     | 8.4  | 5.2 | 5.0 | 4.3        | 3.3         | 2.9       | 3.0      | 4.2      | 6.2 | 13.2         | 44.2                                         | 7.2               | 7440            |

|   | USAF ETAC | FORM<br>JUL 64 | 0.9.5 (OLI) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---|-----------|----------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| - |           | -              | -           | <b>.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

SKY COVER

20102 STATION

FORT SMITH NET DOT AFT

57-66

NCV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |      |     | PER | CENTAGE F | REQUENCY | OF TENTHS | OF TOTAL | SKY COVE |     |                                              |          | MEAN -TENTHS OF |      |
|-------|----------|------|-----|-----|-----------|----------|-----------|----------|----------|-----|----------------------------------------------|----------|-----------------|------|
| MUNIA | (L.S.T.) | 0    | 1   | 2   | 3         | 4        | 5         | 6        | 7        | 8   | 9                                            | 10       | SKY COVER       |      |
| ΛUV   | 00-CZ    | 15.6 | 2.3 | 3.8 | 1.2       | 2.7      | 2.8       | 2.7      | 3.9      | 4.8 | 6.9                                          | 53.4     | 7.2             | 900  |
|       | 03-05    | 15.3 | 1.6 | 2.1 | 3.11      | 4.0      | 2.2       | 2.0      | 3.2      | 4.4 | 5.7                                          | 55.7     | 7.2             | 900  |
|       | .∪6=∩8   | 9.7  | 3.7 | 2.9 | 2.7       | 3.0      | 2.2       | 1.6      | 3.9      | 4.9 | 7.4                                          | 57.9     | 7.6             | 900  |
| ·     | 09-11    | 2.6  | 5.2 | 4.1 | 2.6       | 2.2      | 2.7       | 4.2      | 2.8      | 6.0 | 13.8                                         | 53.7     | 8.0             | 900  |
|       | 12-14    | 4.3  | 6.0 | 3.6 | 4.7       | 3.7      | 3.1       | 2.9      | 3.7      | 7.3 | 15.0                                         | 45.8     | 7.5             | 900  |
|       | 15-17    | 3.4  | 7.4 | 5,9 | 5.2       | 2.8      | 1.7       | 2.8      | 4.1      | 5.6 | 12.6                                         | 48.6     | 7.4             | 900  |
|       | 15-20    | 11.3 | 5.7 | 5.8 | 3.7       | 2.9      | 2.1       | 3.2      | 3.6      | 4.8 | 6.9                                          | 50+1     | 7.0             | 900  |
|       | 21-23    | 15.8 | 2.7 | 3.8 | 2.4       | 2.3      | 2.6       | 2.4      | 2.6      | 4.6 | 6.4                                          | 54.4     | 7.1             | 900  |
|       |          |      |     |     |           |          | !         |          |          |     | <u>.                                    </u> | ·<br>+   |                 |      |
|       |          | L    |     |     | •         | · · • •  |           |          |          |     | 4                                            | !        | <u> </u>        |      |
| _     |          |      |     |     |           |          |           |          |          |     | :<br>                                        |          | İ               |      |
|       |          |      |     |     |           |          |           |          |          |     |                                              | <u> </u> |                 |      |
| TO    | DTALS    | 9.8  | 4.3 | 4.0 | 3.3       | 3.0      | 2.4       | 2.8      | 3.5      | 5.3 | 9.3                                          | 52.5     | 7.4             | 7200 |

USAF ETAC FORM | 0.9.5 (QLI) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

26102 STATION

FIRT SMITH NET DOT APT

57-66

DEC

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |      |      | PE  | RCENTAGE | FREQUENCY | OF TENTHS                             | OF TOTAL | SKY COVE | 1   |              |                   | MEAN        | TOTAL<br>NO. OF |
|-------|----------|------|------|-----|----------|-----------|---------------------------------------|----------|----------|-----|--------------|-------------------|-------------|-----------------|
| MONTH | (L.S.T.) | 0    | 1    | 2   | 3        | 4         | 5                                     | 6        | 7        | 8   | 9            | 10                | SKY COVER   |                 |
| DEC   | 00-02    | 25.3 | 4.7  | 4.3 | 2.4      | 3.8       | 2.2                                   | 2.7      | 4.0      | 3.2 | 7.0          | 40.5              | 5.8         | 930             |
|       | 03-05    | 28.8 | 3,7  | 5.1 | 2.8      | 2,6       | 1,5                                   | 1,9      | 2,2      | 3.9 | 3,9          | 43,8              | 5.7         | 930             |
|       | 00-08    | 22.4 | 6,6  | 5.8 | 4.4      | 3.1       | 2.4                                   | 2.0      | 2.5      | 3.7 | 5.2          | 42.0              | 5.8         | 930             |
|       | 09-11    | 5.3  | 7.4  | 6.1 | 4.5      | 3.7       | 3.0                                   | 3.4      | 5.9      | 6.R | 11.5         | 42.4              | 7.1         | 930             |
|       | 12-14    | 4.0  | 7,4  | 4.9 | 3.7      | 3.5       | 3.2                                   | 3.1      | 4.5      | 7.0 | 17.5         | 39.9              | 7.2         | 930             |
|       | 15-17    | 4.0  | 10.1 | 4.0 | 3 • 1    | 3,5       | 4.0                                   | 4.5      | 3.5      | 6.5 | 14.2         | 41.9              | 7.1         | 930             |
|       | 16-20    | 16.0 | 7.1  | 6.0 | 4 - 1    | 3.0       | 4.3                                   | 3.0      | 3.7      | 4.9 | 5.3          | 42.0              | 6.2         | 930             |
|       | 21-23    | 21.7 | 5.5  | 5.2 | 4+3      | 4.0       | 3.2                                   | 2.4      | 3.5      | 3.2 | 7.2          | 39.8              | 5.9         | 930             |
|       |          |      |      |     |          | · - •     | :                                     |          |          |     | <del>-</del> | !<br><del> </del> | -           |                 |
|       | •        |      |      |     |          |           |                                       |          | ·        |     |              |                   |             |                 |
| -     | •        |      | ·    | ··• |          |           | · · · · · · · · · · · · · · · · · · · | •        |          |     |              |                   | <del></del> |                 |
| Te    | DTALS    | 16.2 | 6,6  | 5.2 | 3.7      | 3.4       | 3.0                                   | 2.9      | 3.7      | 4.9 | 9.0          | 41.5              | 0,4         | 7440            |

USAF ETAC FORM 0.9.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION STAC/COAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

#### PART E

#### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of day- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- 1. Cumulative percentage friguency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Cahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temper sture

DATA NOT AVAILABLE

b. Daily minimum temperature

DATA NOTA

c. Daily mean temperature

DATA NOT AVAILABLE

- 2. Extreme values derived from daily observations with extreme value given for each year and month of record exallable. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ARMUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Entreme maximum temperature

    b. Extreme minimum temperature

    c. Extreme minimum temperature

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- 3. Bivariate purcentage for mency distribution and commutations of dry-bulb versus wet-bulb temperature.
  This tabulation is derived from nourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bilb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\overline{X})$ , and standard deviations  $(\sigma x)$ . The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
  - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
  - a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and ennual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

#### PSYCHROMETRIC SUMMARY

102 FURT SMITH NWT DOT APT ALL PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 3 .0 • 0 927 91 .0 90/ 89 88/ 87 .0 .0 .0 35 59 59 86/ 85 . 0 77 847 83 77 82/ 81 ,0 179 179 .0 807 .0 331 331 78/ 77 388 .0 .0 388 767 75 522 .0 322 74/ 71 757 757 .1 72/ 71 989 989 1202 1202 .0 70/ 69 . 0 .0 68/ 67 1297 1297 134 • 0 1558 1558 349 66/ 65 . 3 . 3 . 0 29 1684 1684 64/ 63 .0 739 133 1950 1950 1308 62/61 306 2341 2341 1972 615 2273 2275 2331 1156 50/ 59 •1 .0 58 / 57 . 5 . 6 . 3 • 1 2440 2440 2976 1581 2349 2349 3110 2174 56/ 55 . 6 54/ 53 . 6 .0 .3 2361 2361 3073 2640 2217 2217 3017 2879 327 31 . 3 50/ 49 .0 2217 2217 3017 2017 2203 2205 2721 2783 2155 2155 2764 2653 2218 2544 2497 2084 2084 2423 2658 2086 2087 2376 2464 2090 2090 2391 2582 487 47 . 8 • 0 .4 46/ 45 . 3 44/ 43 .6 .2 42/ 41 . 9 .0 40/ 39 .7 38/ 37 . 2 . 9 2083 2083 2361 2514 2116 2116 2531 2583 2077 2077 2738 2740 36/ 35 .0 .3 1.0 . 5 . 3 34/ 33 .4 .0 32/ 31 1.3 1863 1863 2294 2805 1870 1870 2005 2702 30/ 29 1.3 .0 28/ 27 .0 .4 1.4 1753 1753 2010 2505 .4 1.3 26/ 25 Element (X) No. Obs. ≥ 73 F → 80 F → 93 F Rel. Hum. 10 F Total Dry Bulb Wer Bulb

57-66

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

| 26102                 | FORT | SHITH          |          |                                         |        |         |             |             | 57-          | 66       |              |        |               |         |             |             |                                        | <b>-</b>    | Δ       | <u>L</u> Ļ  |
|-----------------------|------|----------------|----------|-----------------------------------------|--------|---------|-------------|-------------|--------------|----------|--------------|--------|---------------|---------|-------------|-------------|----------------------------------------|-------------|---------|-------------|
| STATION               |      |                | 51       | ATION NA                                | ME     |         |             |             |              |          |              |        |               | YEARS   |             |             |                                        |             | -       | NTH.        |
|                       |      |                |          |                                         |        |         |             |             |              |          |              |        |               |         |             |             | PAG                                    | 2           | HOURS I | LL<br>š. Ŧ. |
| Temp.                 |      |                |          |                                         |        |         |             |             | DEPRE        |          |              |        |               |         |             |             | TOTAL                                  |             | TOTAL   |             |
| (F)                   | 0 1. | ·              |          | 7 - 8                                   | 9 - 10 | 11 - 12 | 13 - 14     | 15 - 16     | 17 - 18      | 19 - 20  | 21 - 22      | 23 - 2 | 4 25 -        | 26 27 - | 28 29 -     | 30 ≥ 3      |                                        |             |         |             |
| 24/ 23                |      | . 2 . 2        |          |                                         |        |         |             |             |              |          |              | j      |               |         |             | ļ           | 1540                                   |             |         |             |
| 22/ 21                |      | • 0 • 1        |          |                                         |        |         |             |             |              | L        |              |        |               |         |             |             | 1401                                   |             |         |             |
| 20/ 19                |      | 1 1            | • 0      | ļ                                       | ı<br>İ |         |             |             |              | :        |              |        | 1             | i       |             |             | 1472                                   | 1472        |         |             |
| 18/ 17                |      | .9 .1          |          |                                         |        |         |             | ļ           | ļ            |          | ļ            |        |               |         |             |             |                                        |             | 1529    |             |
| 16/ 15                | • 7  | .9 .0          |          |                                         |        |         |             |             |              |          | 1            |        |               | 1       | 1           |             |                                        | 1382        |         | 1621        |
| 14/ 13                |      | .9 .0<br>.8 .0 |          |                                         |        |         |             | ļ           |              |          |              | ļ      | 4             |         |             |             | 1430                                   |             |         | 1493        |
| 12/ 11                |      |                |          |                                         |        |         |             |             |              | 1        |              |        |               |         | 1           | ļ           | 1427                                   | 1427        |         | 1500        |
| 8/ 7.                 |      |                |          |                                         |        |         |             |             | ┼            |          |              |        | +             |         |             |             | 1565                                   | 1565        |         | 1350        |
| 6/ 5                  |      | .6 .0          |          |                                         |        |         |             |             |              |          |              |        |               |         |             |             | 1444                                   | 1584        |         | 1449        |
| 4/ 3                  |      | 5 .0           |          |                                         |        |         |             |             | -            |          | <u> </u>     |        |               |         | +           |             | 1405                                   |             | 1441    |             |
| 2/ 1                  | 1.0  | . 5            |          | 1                                       | '      |         |             |             |              | 1        | 1            |        |               |         | 1           | ı           | 1317                                   |             |         | 151         |
| 07 -1                 |      | . 5            | +        |                                         |        |         | <del></del> | -           | <del> </del> |          | <del></del>  |        | +             |         | +-          | <del></del> | 1457                                   |             |         |             |
| -2/ -3                |      | 3              |          |                                         |        |         | ]           | ĺ           | 1            | }        |              |        |               | -       | -           |             | 1490                                   | 1490        |         | 128         |
| -47 -5                |      | 4              |          |                                         |        |         |             | -           | <del> </del> |          |              |        | +             |         | +           |             | 1549                                   |             |         | 136         |
| -6/ -7                |      | . 3            |          |                                         |        |         |             |             |              | i        |              |        | i             | i i     |             |             | 1316                                   |             |         | 1380        |
| -8/ -9                |      | 3              |          |                                         |        |         | -           |             | <del> </del> |          | <del> </del> |        | +             |         | -+          | +-          | 1327                                   |             |         | 141         |
| -10/-11               |      | 3              | - 1      | - 1                                     | - 1    |         |             |             | 1            | ł        | l            |        | 1             |         | 1           |             | 1301                                   | 1301        |         | 1311        |
| -12/-13               | 1.2  | 3              |          |                                         |        |         |             |             | 1            |          |              |        | +             |         | +           | <del></del> | 1241                                   | 1241        |         |             |
| -14/-15               |      | . z            |          |                                         |        |         |             |             |              |          |              |        |               |         |             |             | 1290                                   | 1290        |         |             |
| 16/-17                |      | . Z            |          |                                         |        |         |             |             | †            |          |              |        | <del></del> - | +-      | -†          | _           | 1149                                   | 1149        | 1165    | 1089        |
| -18/-19               | 1.1  | • 1            |          | İ                                       |        |         |             |             | 1            |          | 1            |        |               |         |             | İ           | 1098                                   | 1098        | 1112    | 123         |
| -20/-21               | 1.2  | . 1            |          |                                         |        |         |             | 1           | 1-           |          |              |        | $\top$        |         | $\neg \neg$ |             | 1062                                   | 1063        |         | 1220        |
| -22/-23               |      | • 1            |          |                                         | í      |         | ì           | 1           |              | i        | i            |        | 1             | }       |             |             | 968                                    | 968         | 972     | 1086        |
| -24/-25               |      | . 1            |          |                                         |        |         |             |             | 1            |          |              |        |               |         |             |             | 902                                    | 902         | 914     | 1262        |
| -26/-27               |      | • q            |          |                                         |        |         |             |             |              | <u> </u> |              |        | 1             | i i     |             |             | 833                                    | 834         |         | 1170        |
| -28/-29               |      | • 0            |          |                                         |        |         |             |             |              |          |              |        |               |         | 7           |             | 758                                    | 760         |         | 97          |
| -30/-31               |      | • 0            |          |                                         |        |         |             |             |              |          |              |        |               |         | 1_          |             | 623                                    | 629         |         | 996         |
| -32/-33               |      | • 0            |          |                                         |        |         |             |             |              |          |              |        |               |         |             |             | 446                                    | 455         | 452     | 906         |
| -34/-35               |      | .0             |          |                                         |        |         |             |             | <u> </u>     |          |              | L      |               | _ _     |             |             | 296                                    | 405         | 302     | 760         |
| -36/-37               | •0   |                |          |                                         |        | '       |             |             |              |          |              | -      |               |         |             |             | 5                                      | 401         | 3       | 667         |
| -38/-39               |      | _              |          |                                         |        |         |             | <u> </u>    | 1            | <u> </u> | <u></u>      |        |               |         |             |             |                                        | 294         |         | 46          |
| -40/-41               | 1    |                |          | İ                                       |        |         |             |             | İ            | 1        |              |        | 1             |         | 1           | ł           | 1 7                                    | 243         | i       | 317         |
| ~42/-43               |      |                |          | لــــــــــــــــــــــــــــــــــــــ |        |         |             | <u></u>     | Ц.,          | L        | <u> </u>     |        |               |         | Ш_          |             | اـــــــــــــــــــــــــــــــــــــ | 189         | l .     | 9(          |
| Element (X)           | Σχ   |                |          | X                                       | _      | X       | <b>₹</b>    | +           | No. Ot       | 8.       |              |        |               |         |             |             | ith Temperat                           | _           |         |             |
| Ref. Hum.             | ·    |                |          |                                         |        |         | <u> </u>    | $\dashv$    |              |          | _ = 0        | F      | ± 32 F        | . 2     | 67 F        | ≥ 73 F      | > 80 F                                 | 2 93 I      | F       | Total       |
| Dry Bulb              |      |                | ļ        |                                         |        |         |             | _+-         |              |          |              | +      |               |         |             |             |                                        | +           |         |             |
| Wet Bulb<br>Dew Point |      |                | <u> </u> |                                         |        |         |             | <del></del> |              |          |              | _+     |               | +-      |             |             | -+                                     | <del></del> |         |             |
| Dew Point             |      | Í              | 1 .      |                                         | _ 1    |         | l           | 1.          |              | i        |              | ł      |               | 1       |             |             | l l                                    | 1           | 1       |             |

USAFETAC FORM 0.26-5 (OL.A) REVISIO MEVIOUS BOHOWS OF THIS FORM ARE OBSOLETE

26102 FORT SMITH NWT DOT APT 57-66

## **PSYCHROMETRIC SUMMARY**

| 44/-45<br>-46/-47<br>-48/-49<br>-50/-51<br>-52/-53<br>-54/-55      |
|--------------------------------------------------------------------|
| Element (X)  Rgl. Hum.  Dry Bulb.  1 32.6 30                       |
| Element (X) Z; Rgl. Hum. 47                                        |
| Element (X) 25                                                     |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 04/-45<br>06/-47<br>08/-49<br>05/-51<br>05/-53<br>04/-55           |
| 04/-45<br>06/-47<br>08/-49<br>05/-51<br>05/-53<br>04/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>5C/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 04/-45<br>06/-47<br>08/-49<br>05/-51<br>05/-53<br>04/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>5C/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>5C/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>5C/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55<br>56/-57 |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 44/-45<br>46/-47<br>48/-49<br>50/-51<br>52/-53<br>54/-55           |
| 46/-45<br>46/-47<br>48/-49<br>50/-51                               |
| 44/-45<br>-46/-47<br>-48/-49<br>-50/-51                            |
| 44/-45                                                             |
| 44/-45                                                             |
| 44/-45                                                             |
|                                                                    |
| Temp.<br>(F) 0 1                                                   |
|                                                                    |
|                                                                    |
| STATION                                                            |

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM AND OMDOLITE

### **PSYCHROMETRIC SUMMARY**

| 5102           | FUPT S  | MITH        | tik T | DUT A        | (F.T        |               | :                 | 7=66        |                                                  |             |               |                |              |                                                  | J۵                | N.    |
|----------------|---------|-------------|-------|--------------|-------------|---------------|-------------------|-------------|--------------------------------------------------|-------------|---------------|----------------|--------------|--------------------------------------------------|-------------------|-------|
| STATION        |         |             | STAT  | TION NAME    |             |               |                   |             |                                                  |             | YEARS         |                |              |                                                  | MONT              | гн    |
|                |         |             |       |              |             |               |                   |             |                                                  |             |               |                | PAGE         | 1                                                | AL                |       |
|                |         |             |       |              | _           |               |                   |             |                                                  |             |               |                |              |                                                  | HOURS IL.         | 5. T. |
| Temp.          |         |             |       |              | FT BULB     |               |                   |             |                                                  |             |               |                | TOTAL        |                                                  | TOTAL             |       |
| (F)            | 0 1 2   | 3 - 4       |       | 7 - 8 '9 -   | 10 11 - 12  | 13 - 14       | 5 - 16 17         | - 18 19 - 2 | 20 21 - 22 2                                     | 23 - 24 25  | - 26 27 - 28  | 29 - 30 → 31   | D.B. W.B.    | Dry Bulb                                         | Wet Bulb D        | ew P  |
| 47 43          |         |             | • 0   | .            |             |               |                   |             |                                                  | İ           | i 1           |                | 1            | 1                                                |                   |       |
| 2/ 41          |         | • 4         | .0    | • 0          | .L          |               |                   |             |                                                  |             |               | ]              | 7            | 7                                                |                   |       |
| 0/ 39          |         | • 0         | .0    | • 0          |             |               |                   |             | 7                                                |             |               |                | 3            | - 3                                              |                   |       |
| 8/ 37          |         | • 01        |       | •0           | i           |               |                   |             |                                                  |             |               |                | 4            | 4                                                | 3                 |       |
| 6/ 35          | . 1     |             | -0    | • 0          |             |               |                   |             |                                                  |             |               | 1              | 12           | 12                                               | 11                |       |
| 4/ 33          | • 0     |             | .0    |              |             |               |                   |             |                                                  |             | _ ! !         | . 1            | 6            | 6                                                | 9                 |       |
| 2/ 31          | •1      |             | • 1   | - 1          | 1 -         | 1 1           |                   |             | T                                                |             |               |                | 8            |                                                  | 4                 |       |
| 0/29           | •d •1   |             | •0    |              |             |               |                   |             |                                                  | İ           |               |                | 10           | 10                                               | 10                |       |
| 8/ 27          | • 2     |             | •0    |              |             |               |                   |             |                                                  |             |               |                | 17           | 17                                               | 14                |       |
| 6/ 25          | . 4     |             |       |              |             |               |                   |             |                                                  |             |               |                | 28           | 28                                               | 20                |       |
| 47 23          | .2 .2   |             | -     |              |             |               |                   |             | $\top$                                           |             |               |                | 28           | 28                                               | 42                |       |
| 2/ 21          | •1 •2   |             |       |              |             |               |                   |             |                                                  |             |               |                | 19           | 19                                               | 25                |       |
| 0/ 19          | •1 •2   |             |       |              | 1           |               |                   |             |                                                  |             |               |                | Z3           | 23                                               | 22                |       |
| 8/ 17          | .2 .3   | , ,         |       |              |             |               |                   |             |                                                  |             |               | <u>i</u>       | 34           | 34                                               | 33                |       |
| 6/ 15          | • 5 • 3 |             |       |              |             |               |                   |             |                                                  |             |               |                | 51           | 51                                               | 51                |       |
| 4/ 13          | .4 .5   |             |       |              |             |               | L                 |             |                                                  |             |               | i              | 63           | 63                                               | 56                | (     |
| 2/ 11          | .7 .4   |             | ĺ     | ļ            | ļ           |               |                   |             |                                                  |             |               |                | 73           | 73                                               | 66                | -     |
| 0/ 9           | .9 .8   |             |       |              |             |               |                   |             |                                                  |             |               |                | 113          | 113                                              | 106               | -     |
| 8/ 7           | 1.6 .8  |             | ļ     |              |             |               |                   | 1           | ĺ                                                |             |               | ĺ              | 161          | 161                                              | 160               |       |
| 6/ 5           | 2.4 1.0 |             |       |              |             |               |                   |             |                                                  |             |               |                | 226          | 226                                              | 231               | _     |
| 4/ 3<br>2/ 1   | 1.8 .7  |             | - !   |              |             |               |                   | j           |                                                  | ]           |               | 1              | 163          | 163                                              | 164               | T     |
| 2/ 1<br>0/ -1  |         |             |       |              |             |               |                   |             | <del>                                     </del> |             |               |                | 164          | 164                                              | 173               | 2     |
| 2/ -3          |         |             | ļ     |              |             |               |                   |             |                                                  |             |               |                | 253<br>339   | 253                                              | 226               | T     |
|                |         |             |       |              |             | +-+           |                   |             |                                                  |             |               |                |              | 339                                              | 352               | 1     |
| 4/ -5<br>6/ -7 | 4.2 .8  |             | Ì     | }            |             | 1 1           | - 1               | 1           | 1                                                | - 1         | 1             | 1              | 328          | 328<br>332                                       | 330<br>337        | 2     |
| 8/ -9          | 4.3 .9  |             |       |              |             | ++            |                   |             |                                                  |             | $\rightarrow$ |                | 341          | 341                                              | 341               | 3     |
| 0/-11          | 4.4 .6  |             |       |              |             | 1             |                   |             |                                                  |             |               |                | 332          | 332                                              | 328               | 2     |
| 2/-13          | 4.1 .7  |             |       |              |             | +             |                   |             |                                                  | -           |               |                | 317          | 317                                              | 322               | 3     |
| 4/-15          | 4.3 .7  |             | ſ     |              | [           |               | ĺ                 | 1           |                                                  | ĺ           |               | 1              | 332          | 332                                              | 336               | 2     |
| 6/-17          | 4.4     |             | +     |              |             | 1             |                   |             |                                                  | <del></del> |               |                | 313          | 313                                              | 319               | 2     |
| 8/-19          | 4.3 .5  |             |       | Ì            |             |               | 1                 |             |                                                  |             |               |                | 319          | 319                                              | 315               | 3     |
| 0/-21          | 4.7 .3  |             | +     |              |             | +             |                   | <del></del> | + +                                              |             |               |                | 330          | 331                                              | 334               | -3    |
| 2/-23          | 4.9 3   |             |       | 1            |             |               |                   |             |                                                  |             |               |                | 338          | 338                                              | 341               | 2     |
| ement (X)      | Z x2    | <del></del> | Z     | <del>-</del> | X           |               | l N               | o. Obs.     | <del>1' ' '</del>                                |             | Mean No       | o. of Hours wi |              |                                                  |                   |       |
| I. Hum.        |         |             |       |              |             | <del></del> - | ·- <del>  '</del> |             | ± 0 F                                            | ± 32        |               |                | ≥ 80 F       | ₹ 93 F                                           | Te                |       |
| y Bulb         | •       |             |       |              | <del></del> | 1             |                   |             | <del>                                     </del> |             |               | +              | 1            | 1                                                | <del>  - ``</del> |       |
| r Bulb         |         |             |       |              |             | <del> </del>  | <del> </del>      |             |                                                  | +           |               | <del> </del>   | <del> </del> | <del>                                     </del> |                   |       |
| w Point        | ~       |             |       |              | <del></del> | +             |                   |             | <del> </del>                                     |             |               | -+             | +            | -                                                |                   |       |

USAFETAC FORM 0.26-5 (OL.A) BENSED MENOUS EDITIONS OF THIS FORM ARE DESCRETE

#### **PSYCHROMETRIC SUMMARY**

|                                           | STATION NAME        |                               |                                                                                       |                                                     | YEARS                                                           |                                                                             |                                                                             |                                                                             | MONTH                                                                       | •                                                                           |
|-------------------------------------------|---------------------|-------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | PAG                                                                         | 2                                                                           | ALL<br>HOURS (L. S.                                                         | . T.)                                                                       |
|                                           | WET BULB TO         | EMPERATURE                    | DEPRESSION (                                                                          | f)                                                  |                                                                 |                                                                             | TOTAL                                                                       |                                                                             | TOTAL                                                                       | _                                                                           |
|                                           | -6 7-8 9-10 11-12 1 | 3 - 14 15 - 16                | 17 - 18 19 - 20                                                                       | 21 - 22 23 - 2                                      | 4 25 - 26 27                                                    | - 28 29 - 30                                                                | 31 D.B./W.B.                                                                | Dry Bulb                                                                    | Wet Bulb Dew                                                                | v P                                                                         |
| .3 .2                                     |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 599                                                                         | 299                                                                         |                                                                             | 39                                                                          |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 301                                                                         | 302                                                                         |                                                                             | 3                                                                           |
| .4 .2                                     |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 310<br>295                                                                  | 310<br>299                                                                  |                                                                             | 3                                                                           |
| .3 .2                                     |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 193                                                                         | 196                                                                         |                                                                             | 34                                                                          |
| . B . 1                                   |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 125                                                                         | 176                                                                         |                                                                             | 2                                                                           |
| . • FI • O                                |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 123                                                                         | 179                                                                         |                                                                             |                                                                             |
|                                           |                     |                               |                                                                                       | 1                                                   | 1 1                                                             |                                                                             | 1                                                                           | 133                                                                         |                                                                             | 3(                                                                          |
|                                           |                     |                               |                                                                                       |                                                     | <del></del>                                                     | -                                                                           | <del> </del>                                                                | 114                                                                         |                                                                             | i                                                                           |
|                                           |                     |                               | 1                                                                                     |                                                     |                                                                 |                                                                             | 1 1                                                                         | 102                                                                         |                                                                             | 1                                                                           |
| -+                                        |                     |                               |                                                                                       |                                                     | ++-                                                             |                                                                             | + - +                                                                       | 70                                                                          | +-                                                                          | _                                                                           |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 | ì                                                                           |                                                                             | 58                                                                          |                                                                             |                                                                             |
| <del>-      -</del>                       |                     |                               |                                                                                       |                                                     | +                                                               |                                                                             | <del>  -   -  </del>                                                        | 42                                                                          |                                                                             | _                                                                           |
|                                           |                     | [                             |                                                                                       |                                                     |                                                                 | ļ                                                                           |                                                                             | 26                                                                          | 1                                                                           |                                                                             |
|                                           | <del></del>         | <del>  </del>                 |                                                                                       |                                                     | +                                                               | <del></del>                                                                 | +                                                                           | 19                                                                          |                                                                             | -                                                                           |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 | Ì                                                                           |                                                                             | 19                                                                          | i                                                                           |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     | +                                                               |                                                                             | <del>  - </del>                                                             |                                                                             |                                                                             |                                                                             |
| 3.216.1 .3                                | .2 .1               | 1 1                           |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             | 7435                                                                        | 6                                                                           | 6                                                                           |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | 6613                                                                        |                                                                             | 6613                                                                        | _                                                                           |
|                                           | 1 1 1 1             | 1 1                           | İ                                                                                     |                                                     |                                                                 | i                                                                           |                                                                             |                                                                             |                                                                             |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             | _                                                                           |
|                                           |                     | 1 1                           | İ                                                                                     |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             | _                                                                           |
|                                           |                     | li                            |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             | l                                                                           |                                                                             |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             | _                                                                           |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | <u> </u>                                                                    |                                                                             |                                                                             | _                                                                           |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 | 1                                                                           |                                                                             | ļ                                                                           | ;                                                                           |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     |                                                                 |                                                                             | <del> </del>                                                                |                                                                             |                                                                             | _                                                                           |
|                                           |                     | 1 1                           |                                                                                       |                                                     |                                                                 | 1                                                                           | 1 1                                                                         | ì                                                                           | }                                                                           |                                                                             |
|                                           |                     |                               |                                                                                       |                                                     | +                                                               | $\rightarrow$                                                               |                                                                             |                                                                             |                                                                             |                                                                             |
|                                           |                     | 1 1                           | 1                                                                                     |                                                     |                                                                 | }                                                                           |                                                                             | ļ                                                                           | i                                                                           |                                                                             |
| T                                         | <del></del>         |                               | No. Obs.                                                                              |                                                     |                                                                 |                                                                             | 1                                                                           |                                                                             |                                                                             | _                                                                           |
| Σχ'<br>39719702                           | Z <sub>X</sub> Z    | P. 527                        |                                                                                       |                                                     |                                                                 |                                                                             | lours with Temperat                                                         |                                                                             |                                                                             | -                                                                           |
|                                           | -110780 -14 0V      | 6.158                         |                                                                                       |                                                     |                                                                 | C 0 / F                                                                     | 2/3P 280 F                                                                  | 1 2 43 1                                                                    |                                                                             | 7                                                                           |
|                                           |                     |                               |                                                                                       | 609.0                                               | 741.6                                                           |                                                                             |                                                                             | +                                                                           | 1                                                                           | Ť                                                                           |
|                                           |                     |                               | 0013                                                                                  |                                                     |                                                                 |                                                                             |                                                                             |                                                                             |                                                                             | Ť                                                                           |
| 35715702<br>3591462<br>2165638<br>3531407 | _                   | -110780 -14,9<br>-78270 -11.8 | 482674 73.0 8,527<br>-110780 -14,916,158<br>-78270 -11,813,690<br>-118753 -18,014,545 | -110780 -14,916.158 7435<br>-78270 -11.813,690 6613 | -110750 -14,916.158 7435 622.3<br>-78270 -11,813,690 6613 609.0 | -110750 -14,916,158 7435 622.3 740.5<br>-78270 -11,813,690 6613 609.0 741.4 | -110780 -14,916,158 7435 622.3 740,5<br>-78270 -11,813,690 6613 609,0 741,4 | -110780 -14,916,158 7435 622.3 740.5<br>-78270 -11.813.690 6613 609.0 741.4 | -110780 -14,916,158 7435 622.3 740,5<br>-78270 -11,813,690 6613 609.0 741.4 | -110780 -14,916,158 7435 622.3 740.5<br>-78270 -11.813.690 6613 609.0 741.4 |

USAFETAC FORM 0.26-5 (OL A) EEVISIO MENOUS EDITIONS OF THIS FORM ARE OLD OUTE

26192

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

FORT SMITH NWT DOT APT

### **PSYCHROMETRIC SUMMARY**

FEB

|                     |    |     |       |     |       |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | PAGE                                             | •            | A)         |    |
|---------------------|----|-----|-------|-----|-------|-------|----------|----------|--------------------------------------------------|---------|---------|-------------|---------|--------|--------------|----------------|--------|--------------|--------------------------------------------------|--------------|------------|----|
| Temp.               |    |     |       |     |       |       | WET      | BULB     | TEMPER                                           | ATURE   | DEPRE   | SSION (     | F)      |        |              | _              |        |              | TOTAL                                            |              | TOTAL      |    |
| (F)                 |    | 0   | 1 - 2 |     | 5 - 6 | 7 - 8 | 9 - 10   | 11 - 12  | 13 - 14                                          | 15 - 16 | 17 - 18 | 19 - 20     | 21 - 22 | 23 - 2 | 4 25 - 26    | 27 - 28        | 29 - 3 | 0 = 31       | D.B. W.B.                                        | Dry Bulb     |            |    |
| 427                 |    |     |       | • 0 |       | .0    |          |          |                                                  |         |         |             |         |        |              | 1              |        |              | 3                                                | 3            |            | •  |
| 40/                 |    | • d |       | • 0 | • 1   |       |          |          |                                                  | i       | 1       | ĺ           |         |        |              |                |        |              | 13                                               | 14           | 2          |    |
| 38/                 |    | • 0 | • 0   | • 0 | • 1   |       |          |          | 1                                                |         |         |             |         |        |              | 1              |        |              | 9                                                | 9            |            | 1  |
| 36/                 |    | • q | 1     | • 0 | • 1   |       |          |          |                                                  | 1       |         |             |         |        | 1            | 1              |        |              | 9                                                | 9            | 4,         | ٠, |
| 34/                 |    |     | • 1   | • 1 | . 0   |       |          |          |                                                  |         |         |             |         |        | T            |                |        |              | 1.5                                              | 15           | 15         |    |
| 32/                 |    | 1   | . 3   | . 2 | • 0   |       | ļ        |          |                                                  | 1       |         |             | - 1     |        |              |                | i      | 1            | 28                                               | 28           | 17         |    |
| 307                 |    |     | . 3   | • 2 | •0    |       |          |          |                                                  |         |         |             |         |        | 1            |                |        |              | 32                                               | 32           | 33         |    |
| 28/                 |    | • 1 | . 4   | . 2 | .0    |       |          | 1        | 1                                                |         |         |             |         |        |              |                |        | İ            | 44                                               | 44           | 38         |    |
| 20/                 | 25 | • 1 | . 4   | • 1 |       |       |          |          |                                                  |         |         |             |         |        | 1            |                |        |              | 42                                               | 42           | 45         |    |
| 24/                 |    | • 1 |       | . 2 |       |       | 1        |          |                                                  |         |         |             |         |        | 1            | ]              |        | -            | 59                                               | 59           | 50         |    |
| 22/                 |    | . 3 |       | •0  |       |       |          |          |                                                  |         |         |             |         | -      | 1            |                |        |              | 85                                               | 85           | 85         |    |
| 20/                 |    | . 8 |       | • 0 |       | _     |          |          | ]                                                |         | į .     |             |         |        |              |                |        | 1            | 127                                              | 127          | 127        |    |
| 187                 |    | 1.2 |       | •0  |       |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | 147                                              | 147          | 161        |    |
| 16/                 |    | 1.4 |       |     |       |       |          |          | ]                                                |         | 1       |             |         |        |              |                |        |              | 166                                              | 166          | 158        |    |
|                     | 13 | 1.3 | . 8   |     |       |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | 137                                              | 137          | 144        |    |
|                     | 11 | 1.2 | . 9   |     |       |       |          |          | 1                                                |         |         |             |         |        |              |                |        | Ì            | 134                                              | 134          | 143        |    |
| 107                 | 9  | 1.2 | 1.3   |     |       |       |          |          |                                                  |         |         |             |         |        | 1            |                |        | T            | 156                                              | 136          | 140        |    |
| 8/                  | 7  | 1.9 | 1.0   |     |       | . :   |          | <u> </u> |                                                  |         |         |             |         |        |              | }              |        |              | 185                                              | 195          | 191        |    |
| 67                  | 5  | 2.2 |       |     | -     |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | 221                                              | 251          | 219        |    |
| 4/                  | 3  | 2.0 | 1.1   |     |       |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | 192                                              | 192          | 187        |    |
| 27                  | I  | 7.4 | 1.7   | Ì   | ĺ     |       |          |          |                                                  |         |         |             |         |        |              |                |        | 1 -          | 245                                              | 245          | 241        |    |
| 2 1                 | -1 | 3.1 | 1.2   |     |       |       |          |          |                                                  |         |         |             |         |        | <u></u>      |                |        |              | 272                                              | 272          | 281        |    |
|                     | -3 | 3.4 |       |     | ļ     |       |          | ĺ        |                                                  | İ       |         |             |         |        | ĺ            |                |        |              | 297                                              | 297          | 292        |    |
|                     | -5 | 3.7 |       |     |       |       |          |          |                                                  |         |         |             |         |        |              |                |        | <u> </u>     | 321                                              | 321          | 324        |    |
| =8/                 |    | 3.0 |       | }   |       |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | 257                                              | 258          | 275        |    |
| =10/=               |    | 3.4 | . 8   |     |       |       |          |          | ļ                                                |         |         |             |         |        | ļ            |                |        |              | 265                                              | 266          | 260        |    |
| -12/-               |    | 3.0 | • 7   |     | ŀ     | ĺ     |          |          | [                                                | ļ       |         |             |         |        |              |                |        |              | 255                                              | 255          | 259        |    |
| -14/-               |    | 4.0 |       |     |       |       | <u></u>  | <b>1</b> |                                                  |         |         |             |         |        |              |                |        |              | 242                                              | 242          | 243        |    |
| -16/-               |    | 3.9 |       |     | - 1   |       |          |          |                                                  |         |         |             |         |        |              |                |        |              | 296                                              | 296          | 302<br>278 |    |
| -18/-               |    | 3.8 | • 6   |     |       |       |          |          | ļ                                                |         |         |             |         |        | <del> </del> | ļ              |        | 4            | 282                                              | 282          |            |    |
| -20/-               |    | 4.3 |       |     |       |       |          |          | Į.                                               | ļ       |         |             |         |        |              |                |        | 1            | 283                                              | 283          | 300        |    |
| -22/-               |    | 4.0 |       |     |       | -     |          | ļ        | 1                                                | -       |         | ļ,          |         |        | ļ            | ļļ             |        | <del> </del> |                                                  | 291          |            |    |
| -24/-               |    | 3.3 |       |     | 1     |       |          |          |                                                  |         |         |             |         |        | l            | , 1            |        | 1            | 276                                              | 276          | 274        |    |
|                     | _  |     |       |     |       |       | <u> </u> | <u> </u> | <del>-</del>                                     | Ц,      |         |             |         |        | <u> </u>     |                |        |              | 223                                              | 223          | 227        |    |
| Element<br>Rel. Hum |    |     | Z X 2 |     |       | tχ    |          | <u> </u> | <b>"</b> ⊼                                       |         | No. Ob  | <b>*</b> ·  | = 0 F   | -1-    | ≤ 32 F       | Mean N<br>≥ 67 |        | dours wit    | h Temperatu<br>> 80 F                            |              | - 1        |    |
| Dry Bulb            |    |     |       |     |       |       |          |          | <del>                                     </del> |         |         |             | = U F   | +      | = 32 F       | 2 6/           | -      | = /3 F       | 2 8V F                                           | ≥ 93 F       |            | -  |
| Wet Bulb            |    |     |       |     |       | ·     | _        |          | <del> </del>                                     |         | -       | <del></del> |         | +      |              | <del> </del>   | +      |              | <del>                                     </del> | <del> </del> | -+         |    |
| Dew Poir            |    |     |       |     |       |       |          |          | +                                                |         | ·       | +           |         | +      |              | <del> </del>   | +      |              | <del> </del>                                     | <del> </del> |            | •  |

37-66

## **PSYCHROMETRIC SUMMARY**

| Z6102              | - 10         | KT 5   | МІТН         |                | TATION NA  |        |                                                  |                                                  |                                                  | 57.           | .00                                              |                                                  |         |              | ARS            |                                                  |              |                    |           |              | EB      |
|--------------------|--------------|--------|--------------|----------------|------------|--------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------|--------------------------------------------------|--------------------------------------------------|---------|--------------|----------------|--------------------------------------------------|--------------|--------------------|-----------|--------------|---------|
| STATION            |              |        |              | •              | TATION NA  | ME     |                                                  |                                                  |                                                  |               |                                                  |                                                  |         | ,,           |                |                                                  |              | PAG                | <u> 2</u> |              | LL      |
|                    |              |        |              |                |            |        |                                                  |                                                  |                                                  |               |                                                  |                                                  |         |              |                |                                                  |              |                    |           | HOURS (      | . 5, т. |
| Temp.<br>(F)       |              | -      |              |                | 1 1        |        |                                                  | TEMPER                                           |                                                  |               |                                                  | (F)<br>21 - 22                                   |         | Tar =        | 1              | 100 0                                            |              | TOTAL<br>D.B./W.B. | D. B.IL   | TOTAL        | 0 0     |
| -26/-27            | 3.1          |        | 3 · 4        | 5 . 6          | 7 - 8      | 9 - 10 | 11 - 12                                          | 13 - 14                                          | 15 - 16                                          | 17 - 18       | 19 - 20                                          | 21 - 22                                          | 23 - 24 | 25 - 26      | 27 - 28        | 29 - 30                                          | * 31         | 213                | 213       | 214          | 3:      |
| -28/-29            | 2.0          |        |              |                | ] ]        |        | [                                                | 1                                                | 1                                                |               |                                                  | 1                                                |         | {            | (              |                                                  | (            | 173                | 173       | 175          | 2       |
| -30/-31            | 1.9          |        |              |                | 11         |        | <del> </del>                                     | -                                                | <del>├</del> ──                                  | +             | <del> </del>                                     | -                                                |         | <del> </del> | <del> </del> - | <del> </del>                                     | <del> </del> | 133                | 134       | 131          | 2       |
| -32/-33            | 1.8          |        |              |                | 1          |        |                                                  |                                                  | 1                                                | l             |                                                  | 1                                                |         | ł            | ł              | 1                                                | 1            | 120                | 124       | 124          | 2       |
| -34/-35            | 1.1          |        |              |                | 1          |        | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |               | <del> </del>                                     |                                                  |         | 1            | ļ              | <del>                                     </del> | -            | 69                 | 97        | 70           | T       |
| -36/-37            | . 1          |        | }            |                | { }        |        | 1                                                | }                                                | }                                                |               | }                                                | 1 1                                              |         | )            | }              | }                                                | 1            | 5                  | 91        | 5            | 1       |
| -38/-39            |              |        |              |                |            |        |                                                  | -                                                |                                                  |               |                                                  |                                                  |         | 1            | t              |                                                  | 1            |                    | 79        |              | 1       |
| -40/-41            |              |        | ]            |                |            |        |                                                  | l _                                              |                                                  | L             |                                                  | 11                                               |         | <u> </u>     | Ĺ              | <u> </u>                                         | Ĺ            | 11                 | 73        |              | · ·     |
| -42/-43            |              |        |              |                |            |        |                                                  |                                                  |                                                  |               | T                                                |                                                  |         |              |                |                                                  |              |                    | 63        |              |         |
| -44/-45            |              |        |              |                | 11         |        |                                                  |                                                  | L                                                | 1             |                                                  |                                                  |         |              |                | 1                                                |              |                    | 51        |              |         |
| -46/-47            |              |        |              |                | 1 1        |        | 1                                                | 1                                                | }                                                |               | }                                                | 1 1                                              |         | }            |                | ]                                                | 1            | ) j                | 29        |              |         |
| -48/-49            |              |        | -            |                | <b>├</b> ─ |        | <u> </u>                                         | <b>↓</b>                                         | ļ                                                | <del>  </del> | <b></b>                                          | <del>                                     </del> |         | ļ            |                | ↓                                                | <del> </del> | <b> </b>           | 19        |              |         |
| -50/-51<br>-52/-53 |              |        |              |                | 1 1        |        | }                                                |                                                  |                                                  |               | 1                                                | 1 1                                              |         | 1            |                |                                                  |              | 1                  | 4         |              |         |
| -34/-33            |              |        |              | ļ              |            |        | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>  | <del></del>                                      | 1                                                |         |              | <b></b> -      | <del> </del> -                                   | <del> </del> | <del> </del>       |           |              |         |
| TUTAL              | 72.2         | 25.2   | 1.2          | . 3            | . 0        |        |                                                  | 1                                                | ĺ                                                |               | 1                                                | 1 1                                              |         | ł            |                | 1                                                |              | 1 1                | 6768      |              | 63      |
|                    | 302          |        | 1            |                | 1 • 9      |        | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | +             | <del> </del>                                     |                                                  |         | ┼            | <del> </del> - | <del> </del> -                                   | <del></del>  | 6322               | 0.00      | 6322         |         |
|                    |              |        |              |                | 1 1        |        |                                                  |                                                  | ļ                                                | 1             | ]                                                | ] ]                                              |         |              | ļ              | )                                                |              | 1                  |           | 7362         |         |
|                    |              | ļ      | <del> </del> |                |            |        | <del> </del>                                     | <del> </del> -                                   | ļ                                                | +             | <del> </del>                                     | +                                                |         | <del> </del> | <del> </del>   | <del> </del> -                                   | <del> </del> | 1                  |           |              |         |
|                    |              | !      |              | }              | 1          |        | }                                                |                                                  | }                                                | l             | ļ                                                | 1 1                                              |         | 1            | [              | į                                                |              |                    |           |              |         |
|                    |              |        | <del> </del> |                | 1          |        |                                                  | 1                                                | 1                                                | 1             | <del>                                     </del> | 1                                                |         |              |                |                                                  | T            | <del>   </del>     |           |              |         |
| ŀ                  |              |        | [            |                | i i        |        | 1                                                | 1                                                | }                                                | 1             | ł                                                | 1 1                                              |         | }            | ł              | 1                                                | 1            | 1                  |           |              |         |
|                    |              |        | -            |                | 1          |        | 1                                                |                                                  |                                                  | 1             |                                                  |                                                  |         | 1            |                |                                                  | 1            | 1                  |           |              |         |
|                    |              |        |              | ļ              |            |        |                                                  |                                                  | l                                                | 1             | <u> </u>                                         | 11                                               |         | Ì            | <u> </u>       | 1                                                |              |                    |           | [            |         |
|                    |              |        |              |                |            |        |                                                  |                                                  |                                                  |               |                                                  |                                                  |         |              |                |                                                  |              |                    |           |              |         |
|                    |              |        |              |                | 11         |        |                                                  | 1                                                | <u> </u>                                         | 1_            |                                                  | 11                                               |         |              |                |                                                  | 1            | <b>I</b>           |           |              |         |
|                    |              |        | 1            |                |            |        |                                                  | 1                                                |                                                  |               | -                                                | 1 7                                              |         |              | -              |                                                  | 1            |                    |           | )            |         |
|                    | l            |        | Ļ            |                | ļl         |        | 1                                                | <u> </u>                                         | <del> </del>                                     |               | <del> </del>                                     |                                                  |         |              | <u> </u>       | ↓                                                | <del> </del> |                    |           | ļ            |         |
| }                  |              | }      | l<br>i       | ļ              | 1 1        |        | 1                                                | 1                                                | 1                                                | 1             |                                                  | 1 1                                              |         | }            | }              |                                                  | 1            | 1                  |           | }            |         |
|                    |              | 1      | ļ            |                | ļ ļ        |        | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | -             | <del> </del>                                     | 1                                                |         |              | <del> </del>   | +                                                | +            | ┼                  |           | <b> </b>     |         |
|                    |              | i<br>i |              | ļ              | }          |        |                                                  |                                                  | 1                                                | l             |                                                  | 1 1                                              |         |              |                | -                                                | 1            | 1 1                |           |              | }       |
|                    |              |        |              |                | 1          |        | +                                                |                                                  | ├                                                | +             |                                                  | +                                                |         | <del> </del> | <del> </del>   | +                                                | +            | <del>  </del>      |           | <del> </del> |         |
|                    |              | t<br>i | 1            | i<br>L         | 1 1        |        |                                                  |                                                  | 1                                                |               |                                                  |                                                  |         |              | 1              |                                                  | 1            | )                  |           | ļ            |         |
| Element (X)        |              | Z x 2  |              | <del> </del> - | ZX         |        | <del> </del>                                     |                                                  | <del>'                                    </del> | No. O         | bs.                                              |                                                  |         |              | Mean           | No. of t                                         | lours wit    | h Temperat         | ure       |              |         |
| Rel. Hum.          | <del> </del> |        | 5961         |                | 4634       | 83     |                                                  | 9.3                                              |                                                  |               | 115                                              | ± 0 F                                            | -       | : 32 F       | ≥ 67           |                                                  | ≥ 73 F       | ≥ 80 F             | × 93      | F            | Total   |
| Dry Bulb           |              |        | 6485         |                | -575       |        | -6.                                              | 317.                                             | 17                                               | 6             | 68                                               | 468                                              | . 5 6   | 67.0         | )              |                                                  |              |                    | 1         |              | 6       |
| Wet Bulb           |              | 179    | 1329         |                | -417       |        | -6.                                              | 515.4                                            | 87                                               | 63            | 22                                               | 459                                              | .2 6    | 69.6         |                | _                                                |              |                    |           |              | 6       |
| Dew Point          |              | 778    | 3267         |                | -798       | 35     | 12.0                                             | 516.7                                            | 60                                               | 63            | 119                                              | 313                                              | - 4 6   | 71.0         | 51             |                                                  |              | T                  |           |              | 6       |

## PSYCHROMETRIC SUMMARY

| 102        | FORT SMIT   |             |                                                   |                                                  | 57-66             |                                                  | <del></del>   | ARS            |            |              |        | r4 <b>∆</b> .<br>M⊝n ti |       |
|------------|-------------|-------------|---------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------|---------------|----------------|------------|--------------|--------|-------------------------|-------|
| STATION    |             | STATION NA  | ME                                                |                                                  |                   |                                                  | **            | AKS            |            | PAGE         | 1      | AL                      | L     |
|            |             |             |                                                   |                                                  |                   |                                                  |               |                |            | 7-2-11       |        |                         | 5. 1. |
| Temp.      |             |             | WET BULB                                          | TEMPERATI                                        | 16 17 - 18 19 - 2 | (F)                                              | 24, 25, 26    | 27 20 20       | 20 - 21    | D.B. W.B. Dr |        | TOTAL                   | ew Pa |
| (F)        | 0 1 2 3 4   | 5-6 7-8     | 9 . 10 11 - 12                                    | 13 - 14 15 -                                     | 16 17 - 18 19 - 2 | 0 21 - 22 23                                     | . 24: 25 - 20 | 27 . 28 27 .   | 30 231     | 2            | 7 7    |                         |       |
| 4/ 53      | 1           | .0          |                                                   |                                                  |                   | 1 1                                              |               |                | į          | 2            | 2      |                         |       |
| 0/ 49      |             |             |                                                   | +                                                |                   | +                                                |               |                |            | 1            | I      |                         |       |
| 8/ 47      |             | 0 1         | ì                                                 |                                                  |                   |                                                  | 1             |                | i          | 7            | 7      |                         |       |
| 67 45      | <del></del> |             | •0                                                | +                                                |                   | + - 1 -                                          |               |                |            | 12           | 12     | 2                       |       |
| 4/ 43      |             |             | .0                                                |                                                  |                   |                                                  | į l           |                | 1          | 32           | 32     | 3                       |       |
| 2/ 41      |             |             | •0                                                |                                                  |                   |                                                  |               |                |            | 40           | 40     | 4                       |       |
| 0/ 39      |             |             | _                                                 |                                                  |                   |                                                  |               |                |            | 54           | 54     | 24<br>29                |       |
| 8/ 37      | •1          |             |                                                   | T                                                |                   |                                                  | [ '           | ĺ              | 1          | 96           | 96     | 74                      |       |
| 6/ 35      |             | 5 2 0       |                                                   | <del>                                     </del> |                   |                                                  |               |                |            | 102          | 102    | 94                      |       |
| 7/ 33      |             | 7 .1        |                                                   | 1                                                | }                 |                                                  | 1             |                | 1          | 122          | 122    | 125                     | i     |
| 2/ 31      |             |             |                                                   | +                                                |                   | +                                                |               | -              |            | 120          | 120    | 136                     | Ť     |
| 8/ 27      |             | 7 0         | ł                                                 | 1                                                |                   |                                                  | 1             |                |            | 172          | 172    | 136                     | ī     |
| 6/ 25      |             | 7 .0        |                                                   | ++-                                              |                   |                                                  |               |                |            | 202          | 202    | 202                     | 17    |
| 4/ 23      |             | 0 .0        | 1                                                 |                                                  |                   |                                                  | 1             |                | ĺ          | 193          | 193    | 203                     | 14    |
| 27 21      |             | 3           |                                                   | <del> </del>                                     |                   | 1                                                |               |                | 7          | 239          | 239    | 226                     | 19    |
| 0/ 19      |             |             |                                                   | 1                                                | }                 | iL                                               |               |                | i          | 289          | 289    | 264                     | _1    |
| 87-17      |             | 3           |                                                   |                                                  |                   | T                                                |               | 1              | į          | 323          | 323    | 345<br>351              | 21    |
| 6/ 15      |             | 1           |                                                   |                                                  |                   |                                                  |               | L              |            | 310          | 310    | 323                     | 79    |
| 4/ 13      |             | 1           |                                                   | <b> </b>                                         | 1 1               |                                                  |               |                | 1          | 330          | 330    | 334                     | 3(    |
| 2/ 11      | • 1 1 1 1   | 1           |                                                   | +                                                |                   | <del></del>                                      |               | <del> </del>   |            | 346          | 346    | 384                     | 3(    |
| 8/ 7       | 1           | 0           |                                                   | 1 1                                              | 1 1               | 1 1                                              | 1             | 1 1            | ļ          | 290          | 290    | 296                     | 3     |
| 67 5       |             | o l         | <del></del>                                       | + +                                              | <del>-++</del>    |                                                  |               | <del></del>    |            | 322          | 322    | 324                     | 3     |
| 4/ 3       | 2.1 1.9     |             | ĺĺ                                                |                                                  | 1                 |                                                  | ĺ             | 1              | - (        | 295          | 295    | 323                     | 34    |
| 2/ 1       | 2.1 1.0     |             | <del>  -</del> -                                  | ++                                               |                   | +                                                |               | !              |            | 274          | 274    | 274                     | 7     |
| 0/ -1      | 2.2 1.0     |             |                                                   | {                                                |                   |                                                  | . ,           |                |            | 284          | 284    | 307                     | 2     |
| 27 -3      | 2.2 1.6     |             |                                                   |                                                  |                   | -                                                | _             | ,              | T          | 275          | 275    | 257                     | 2     |
| 4/ -5      | 2.8 1.2     |             |                                                   |                                                  |                   |                                                  |               |                |            | 295          | 295    | 319<br>259              | - 2°  |
| 0/ -7      | 2.3 1.0     | 1 1         |                                                   |                                                  |                   | 1                                                | 1             | 1              | 1          | 262          | 254    | 250                     | 2.    |
| 8/ -9      | 2.5 .9      | _           | L                                                 | 1-1-                                             |                   |                                                  |               | <del> </del>   |            | 233          | 233    | 251                     |       |
| 10/-11     | 2.3         |             | 1 1                                               | 1 1                                              | 1 1               |                                                  | -             | 1              |            | 223          | 223    | 221                     | 2     |
| 2/-13      | 2.3 .7      |             | 7 7                                               | <del></del>                                      | No. Obs.          | ┉                                                |               | Mean No.       | of Hours w | th Temperatu |        |                         |       |
| lement (X) | Σχ'         | Z x         | <del>-                                     </del> | <del></del>                                      | No. 001.          | ±0F                                              | ± 32 F        | ≥ 67 F         | - 73 F     | ≥ 80 F       | ≥ 93 F | T                       | otal  |
| ry Bulb    |             |             |                                                   | +                                                | <del> </del>      | <del> </del>                                     | 1             |                |            | 1            |        |                         |       |
| Vet Bulb   |             |             | _                                                 | +                                                | <del> </del>      | +                                                | <del></del>   | <del> </del> - |            | 1            |        |                         |       |
| Dew Point  |             | <del></del> |                                                   |                                                  | <del></del>       | <del>                                     </del> |               |                |            | T            |        |                         |       |

USAFETAC FORM 0.26-5 (OLA)

## **PSYCHROMETRIC SUMMARY**

| 76102<br>          |       | 1 3  | HITH       |        | TATION N                                         |                | <u> </u>       |              |              | 57-       | 00           |                                                  |             | YEARS         |         |              |                                                  |              | MON           |          |
|--------------------|-------|------|------------|--------|--------------------------------------------------|----------------|----------------|--------------|--------------|-----------|--------------|--------------------------------------------------|-------------|---------------|---------|--------------|--------------------------------------------------|--------------|---------------|----------|
|                    |       |      |            |        |                                                  | _              |                |              |              |           |              |                                                  |             |               |         |              | PAGE                                             | 2            |               |          |
|                    |       |      |            |        |                                                  |                |                |              |              |           |              |                                                  |             |               |         |              |                                                  |              | HOURS IL      | . s. t.  |
| Temp.              |       |      |            |        |                                                  |                |                |              |              | E DEPRE   |              |                                                  |             | <del></del> - |         |              | TOTAL                                            |              | TOTAL         |          |
| (F)<br>-147-15     |       |      |            | 5 - 6  | 7 · B                                            | 9 - 10         | 11 - 12        | 13 - 14      | 15 - 1       | 6 17 - 18 | 19 - 20      | 21 - 22 2                                        | 3 - 24 25 - | 26 27         | - 28 29 | - 30 ≥ 31    | D.B. W.B. (                                      | 165          | 174           | 24       |
| -14/-17<br>-16/-17 | 1.8   | • 4  |            |        |                                                  | )              | )              | Ì            | }            | j         |              |                                                  |             |               | 1       |              | 166                                              | 166          | 168           | 21       |
| -14/-19            | 1.3   | . 2  |            |        |                                                  |                | <del> </del> - | <del></del>  | ├            | +         |              | <del> </del>                                     |             |               |         |              | 130                                              | 130          | 137           | 22       |
| -20/-21            | 1.4   | . 1  |            |        | (                                                | ļ              |                | į            | ļ            |           |              | 1 1                                              | - 1         |               | - 1     | ļ            | 112                                              | 112          | 117           | 20       |
| -22/-23            | 1.1   | -:1  |            |        | <del> </del>                                     | <del> </del> - | <del> </del>   | <del> </del> | <del> </del> |           | }            | <del> </del>                                     |             |               |         |              | 86                                               | 86           | 85            | 1        |
| -24/-25            | 1.2   | . 1  |            |        | ļ                                                | į              | 1              | 1            | ļ            |           |              | , l                                              |             |               | ļ       |              | 99                                               | 99           | 100           | i        |
| -20/-27            | .8    |      |            |        | ļ                                                | <del></del>    | +              | <del></del>  |              | +         |              | 1                                                | +           |               | -+-     |              | 62                                               | 62           | 65            | 10       |
| -28/-29            | 7     | 1    |            |        | İ                                                | ĺ              | 1              | İ            | {            |           | ł            |                                                  |             |               | - 1     |              | 61                                               | 62           | 58            | ic       |
| -30/-31            | . 6   | . 1  |            |        | <del>}                                    </del> |                | +              | <del></del>  |              | +         |              | <del>                                     </del> |             | $\dashv$      | +       |              | 50                                               | 51           | 52            | į        |
| -32/-33            | . 5   | • 0  |            |        | Ì                                                | ł              | 1              | 1            | ł            | 1 i       | Ì            |                                                  |             |               | - 1     | i            | 39                                               | 39           | 40            |          |
| -34/-35            | .4    |      |            |        |                                                  |                | -              | -            | f            | 1         |              | 1                                                |             | +             |         |              | 26                                               | 28           | 27            | <u>Z</u> |
| -36/-37            | - 1   | ĺ    | :          |        | ł                                                | 1              |                | 1            | }            |           |              | 1                                                |             | - 1           | - 1     |              |                                                  | 2 1          |               |          |
| -38/-39            |       |      |            |        |                                                  | <u> </u>       | <del> </del>   |              | <del> </del> | +         |              |                                                  |             | _             |         |              | 1                                                | 2.3          |               |          |
| -40/-41            |       | ļ    | i j        |        | 1                                                | 1              | 1              |              | ì            | 1         | 1            |                                                  |             |               |         | į            | 1 1                                              | ġ            |               | 3        |
| -42/-43            |       |      |            |        |                                                  | † — -          | 1              | 1            | i            | 1         |              |                                                  |             | 7             |         |              | 1                                                | 5            |               | 7        |
| -44/-45            | i     |      | :          |        | 1                                                |                | 1              | i            |              | 1         | ì            | 1 1                                              |             |               | - 1     | .            |                                                  | 3            |               | 1        |
| -46/-47            |       |      |            |        |                                                  |                |                |              |              |           |              |                                                  |             |               |         |              |                                                  | 2            |               |          |
| TOTAL              | 45.24 | 45.0 | 7.1        | 1.9    |                                                  |                | 0              |              |              |           |              |                                                  |             | _L            |         |              |                                                  | 7440         |               | 73       |
|                    |       |      |            |        |                                                  | -              |                |              |              | j         | l            |                                                  | 1           |               | Ì       | 1            | 7373                                             |              | 7373          |          |
|                    |       |      |            |        | l                                                | ļ              | <u> </u>       | L            | <u> </u>     | -         |              |                                                  |             | ᆚ.            |         |              |                                                  |              |               |          |
|                    | i     |      | !          |        | }                                                | }              |                | }            |              | ì         | }            |                                                  |             | 1             | - 1     | ]            |                                                  |              |               |          |
|                    |       |      | ļ          | L      | ļ                                                | ļ              |                | ļ            | L            |           | <u> </u>     |                                                  |             |               | _       |              |                                                  |              |               |          |
|                    | i     |      | 1 1        | i      | 1                                                | 1              | 1              |              | İ            | (         | 1            | 1                                                | 1           |               | 1       | 1            | 1 1                                              |              | }             |          |
|                    |       |      |            |        |                                                  | ł              | <del></del>    | <del> </del> |              |           | <del> </del> | <del> </del>                                     |             | _+_           |         |              |                                                  |              |               |          |
| ļ                  | 1     |      |            |        | Ì                                                |                | 1              | Ì            | )            |           | 1            | 1                                                | 1           |               | l l     |              |                                                  |              |               |          |
|                    |       |      |            |        | <b></b>                                          | <del> </del>   | +              | <b></b>      | <del> </del> |           |              | <del></del>                                      |             |               |         |              |                                                  |              |               |          |
|                    | Í     |      |            | i<br>i |                                                  | 1              |                |              | (            |           | 1            | 1                                                | }           | 1             |         | 1            | 1                                                |              |               |          |
| L                  |       |      | ļ          |        | <del> </del>                                     | <del> </del>   | +              | <del> </del> | <del> </del> | +         | <del> </del> | <del>├─</del> ┼                                  |             | +             | -+-     |              | 1                                                |              | <del>  </del> |          |
|                    |       |      |            | !      |                                                  |                |                | 1            | }            |           | }            |                                                  | }           | }             | - {     | 1            | 1                                                |              |               |          |
| !                  | 1     |      | ļ <b>-</b> |        |                                                  | -              | +              | <del> </del> | <del> </del> | +         |              | <del>  </del> -                                  | -+-         |               | -       | -+-          | +                                                |              |               |          |
|                    | 1     |      | 1          | İ      | 1                                                |                |                | 1            | 1            | 1         | 1            | 1 1                                              | l           | Ì             |         | }            |                                                  |              |               |          |
|                    | +     |      |            | L      | -                                                | <del> </del> - | +              | +            | <del> </del> | +         | +            | <del>                                     </del> |             |               |         |              | <del>                                     </del> |              |               |          |
|                    |       | _    | L          |        | <u> </u>                                         |                |                |              |              |           | <u> </u>     | <u> </u>                                         |             |               |         |              | 11                                               |              |               |          |
| Element (X)        |       | Х,   |            |        | Σχ                                               |                | ₹.             | •,           |              | No. Ot    |              |                                                  |             |               |         |              | th Temperati                                     |              |               |          |
| Rei. Hum.          |       |      | 7238       |        | 5334                                             |                |                | 11.0         |              |           | 73           | ± 0 F                                            | 5 32 1      |               | ≥ 67 F  | ≥ 73 F       | ≥ 80 F                                           | ≥ 93         | F 1           | otal     |
| Dry Bulb           | ·     |      | 7110       |        | 399                                              |                |                | 17.          |              |           | 40           |                                                  | 1 703       |               |         | ļ            | +                                                | <del> </del> |               | 74       |
| Wer Bulb           |       |      | 1886       |        | -10:                                             |                | 9,0            | 15.9         | 7 5 7        |           | 73           |                                                  | 3 720       |               |         | <del> </del> |                                                  | <b>├</b>     |               | - 7º     |
| Dew Point          |       | 412  | SAIA       | 1      | -TO:                                             | 7 5            | m ! * .        | ALT CO 6 A   | יעטי         | 12        | ' ' 5        | 303,                                             | J 770       | • 6           |         | 1            | 1                                                | 1            | 1             | ,        |

#### **PSYCHROMETRIC SUMMARY**

| 26102            | FUR                 | TS    | MITH  | NNT   | DOT     | APT          | ,              |                                                  |                                                  | 57-     | 66                                               |       |              |                                                  |              |              |            | AF          | ¹R      |
|------------------|---------------------|-------|-------|-------|---------|--------------|----------------|--------------------------------------------------|--------------------------------------------------|---------|--------------------------------------------------|-------|--------------|--------------------------------------------------|--------------|--------------|------------|-------------|---------|
| STATEON TO       |                     |       |       | 51    | ATION N | AME          |                |                                                  |                                                  |         |                                                  |       | y E          | ARS                                              |              |              |            | · · · · MON | ŤH      |
|                  |                     |       |       |       |         |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  |              | PAGE         | 1          | Δι          |         |
|                  |                     |       |       |       |         |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  |              |              |            | HOURS       | . s. r. |
| Temp.            |                     |       |       |       |         |              |                |                                                  |                                                  |         | SSION (F)                                        |       |              | ,                                                |              | TOTAL        |            | TOTAL       |         |
| (F)              | 0                   | 1 - 2 | 3 - 4 | 5 · 6 | 7 - 8   | 9 - 10       | 11 - 12        | 13 - 14                                          | 15 - 16                                          | 17 - 18 |                                                  |       | - 24 25 - 26 | 27 - 28 29                                       | - 30 = 31    | D.B. W.B. D  | ry Bulb    | Wet Bulb (  | Dew P   |
| 74/ 73           |                     |       |       |       |         | į            | į              |                                                  |                                                  |         | •0                                               | • 0   |              | 1 1                                              |              | 3            | 2:<br>3    |             |         |
| 70/ 69           | !                   |       |       |       |         |              | ļ              |                                                  |                                                  |         |                                                  |       |              | ļ                                                |              | 71           |            | <b></b>     |         |
| 68/ 67           | !                   |       | !     |       |         | 1            | į              | ,                                                |                                                  | • 0     |                                                  |       |              | 1                                                |              | 2            | 7          |             |         |
| 66/ 65           |                     |       | 1     |       |         | <del></del>  | 1              |                                                  | <del>  </del>                                    | ,1      |                                                  |       |              | ·                                                |              |              |            |             |         |
| 64/ 63           | 1                   |       |       |       |         | 1            | i              | i                                                | . 0                                              | .0      | 1                                                | - 1   |              | !                                                | !            | 3            | 3          |             |         |
| 62/ 61           |                     | ;     |       |       |         | <del> </del> |                | .0                                               | _                                                |         |                                                  |       |              | <del>  -   -</del>                               |              | 4            | 4          |             |         |
| 60/ 59           |                     | i     |       |       |         |              | .0             | . 1                                              |                                                  | . 1     |                                                  |       |              |                                                  | İ            | 16           | 16         | 1           |         |
| 58/ 57           |                     |       |       |       |         | .1           | 1              | . 1                                              |                                                  |         |                                                  |       |              |                                                  |              | 19           | 19         |             |         |
| 56/ 55           | _ }                 | ļ     |       |       | .0      |              |                | . 2                                              |                                                  | _       |                                                  | _ 1   | l            |                                                  |              | 41           | 41         | . i         |         |
| 54/ 53           |                     |       | -0    | .0    | •       | . 3          | • 2            | • 1                                              |                                                  |         |                                                  |       |              |                                                  |              | 43           | 43         | 4           |         |
| 52/ 51           |                     |       | • 0   | .0    |         |              |                | • 0                                              | 1                                                |         |                                                  |       |              |                                                  |              | 49           | 49         | 3           |         |
| 50/ 49           |                     | _     |       | • Z   | • 3     | .6           | • 2            | 1                                                |                                                  |         |                                                  | ļ     | ]            | ] - ]                                            |              | 83           | 83         | •           |         |
| 48/ 47<br>46/ 45 |                     |       | • 0   |       |         |              |                |                                                  |                                                  |         | L                                                |       |              |                                                  |              | 143          | 143        | 1           |         |
| 44/ 43           |                     | ,     | • ž   | . 6   | 1.5     | . 4          |                | Ī                                                | 1 1                                              |         | 1 1                                              | }     | ì            | 1 1                                              | 1            | 268          | 170<br>268 | 70          |         |
| 42/ 41           | - — <del></del>   _ | - 1   | 1.0   | 1.4   |         |              |                | <b>!</b>                                         | <u> </u>                                         |         | <del>                                     </del> |       | }            | <del>  </del>                                    |              | 310          | 310        | 155         |         |
| 40/ 39           |                     |       | 1.3   |       | . 8     |              |                |                                                  | 1                                                |         |                                                  | i     |              | }                                                | 1            | 334          | 334        | 222         |         |
| 38/ 37           | - 0                 | 1.1   |       |       |         |              | -              |                                                  |                                                  |         |                                                  | -+-   |              | <del> </del>                                     |              | 409          | 409        | 367         |         |
| 36/ 35           |                     | 2.1   | - 1   |       |         | 1            |                |                                                  | 1 1                                              |         | 1 1                                              |       |              | )                                                |              | 477          | 477        | 477         | 1       |
| 34/ 33           |                     | 2.5   | 2.8   | 7     | •1      |              | -              |                                                  | <del>                                     </del> |         |                                                  |       |              | <del> </del>                                     |              | 480          | 480        | 618         | 2       |
| 32/ 31           | . 4                 | 3.3   | 2.5   | . 4   | . 1     |              | [              | 1                                                | [ {                                              |         | ĺ                                                |       | l            | 1 1                                              | Ì            | 479          | 479        |             | 4       |
| 30/ 27           |                     | 2.9   |       |       |         | <b> </b>     | 1              | <del>                                     </del> |                                                  |         |                                                  |       |              |                                                  |              | 384          | 384        | 367         | 4       |
| 28/ 27           |                     | 3.8   |       |       |         | <u> </u>     | l              | 1                                                |                                                  |         |                                                  |       |              | <u> </u>                                         |              | 451          | 451        | 462         | 5       |
| 20/ 25           |                     | 3.2   |       | 1     | 1       |              |                | 1                                                |                                                  |         |                                                  |       |              |                                                  |              | 387          | 387        | 451         | - 5     |
| 24/ 23           |                     | 3.0   |       | . 1   | 1       |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  |              | 325          | 325        | 410         | 6       |
| 22/ 21           |                     | 2.4   | 1.0   | .0    | l .     |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  | İ            | 260          | 264        | 358<br>274  | 5       |
| 16/ 17           |                     | 2.3   | . 0   |       |         |              | <del> </del>   |                                                  | <b>  </b>                                        |         | <del>  -</del>                                   |       |              | <del>                                     </del> |              | 230          | 230        | 274         | 3       |
| 16/ 15           |                     | 2.1   | . 4   |       |         |              | -              |                                                  | }                                                |         | 1 1                                              | 1     |              |                                                  |              | 196          | 196        | 237         | 3       |
| 147 13           |                     | 2.1   |       |       |         | <del> </del> |                | <del> </del>                                     | 1                                                |         | <del> </del>                                     |       |              | <del>                                     </del> |              | 203          | 203        | 239         |         |
| 12/ 11           |                     | 2.0   |       |       |         |              |                |                                                  | 1 (                                              |         |                                                  | - 1   | {            | (                                                | i            | 200          | 200        |             | 2       |
| 107 9            |                     | 1.5   |       |       |         | ·            | <del> </del> - |                                                  | 1                                                |         | <del>                                     </del> |       |              | <del>                                     </del> |              | 163          | 163        | 211         | - 2     |
| 8/ 7             |                     | 1.6   |       |       |         |              | ]              | }                                                | ] ]                                              |         | 1                                                | ļ     |              |                                                  | ľ            | 148          | 148        | 162         | 2       |
| Element (X)      |                     | x'    |       |       | ZX      | Ή-           | X              | 0,                                               |                                                  | No. Ol  | 5.                                               | 1     |              | Mean No.                                         | of Hours wit | th Temperatu |            |             |         |
| Rel. Hum.        |                     |       |       |       |         |              | _=             | <del>                                     </del> |                                                  |         |                                                  | ± 0 F | ≤ 32 F       | ≥ 67 F                                           | ≥ 73 F       | ≥ 80 F       | ≥ 93 F     | T           | otal    |
| Dry Bulb         |                     |       |       |       |         |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  |              |              |            |             |         |
| Wet Bulb         |                     |       |       |       |         |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  |              |              |            |             |         |
|                  |                     |       |       |       |         |              |                |                                                  |                                                  |         |                                                  |       |              |                                                  |              | 1            |            |             |         |

FORM 0-26-5 (OLA)

USAFETAC

### **PSYCHROMETRIC SUMMARY**

| 102                            | FURT      | SMITH         |       |              |          |                |              |         | 57-          | 66                                               |              |              |            |               |          |                |               | ·_       |                      | PR         |
|--------------------------------|-----------|---------------|-------|--------------|----------|----------------|--------------|---------|--------------|--------------------------------------------------|--------------|--------------|------------|---------------|----------|----------------|---------------|----------|----------------------|------------|
| STAT IN                        |           |               | 5     | ATION N      | AME      |                |              |         |              |                                                  |              |              | YE         | ARS           |          |                | PAG           | £ 2      | MON<br>A<br>HOURS II | LL         |
| Temp.                          |           |               |       |              | WET      | BULB           | TEMPER       | ATURE   | DEPRE        | SSION (                                          | F)           |              |            |               |          |                | TOTAL         |          | TOTAL                |            |
| (F)                            |           |               | 5 - 6 | 7 · B        | 9 - 10   | 11 - 12        | 13 - 14      | 15 - 16 | 17 - 18      | 19 - 20                                          | 21 - 22      | 23 - :       | 24 25 - 26 | 27 - 28       | 29 - 30  | » 31           | D.B. W.B.     |          |                      |            |
| 6/ 5                           | .6 ]      |               |       |              |          | İ              | : 1          |         | İ            |                                                  |              | ſ            |            | l             | }        | 1              | 115           | 115      | 139                  | _ Ţ        |
| 4/ 3<br>7/ 1                   |           | , 7<br>, 6    |       |              |          | <del>!</del>   | <u> </u>     |         | ļ ——         | Ļ                                                |              |              |            |               | <u> </u> | <del></del>    | 93            | 93<br>92 |                      | - 1        |
| 0/-1                           |           | ٥.<br>ق       |       |              |          | 1              |              |         |              | ļ                                                |              | l<br>!       | ļ          | ļ             | i        |                | 75            | 75       |                      | -          |
| 2/ -3                          |           | 3             |       |              |          | <u>.</u>       |              |         |              |                                                  |              |              | -+         |               | ·        | <del> -</del>  | 56            | 56       |                      | _          |
| 4/ -5                          |           | Ž             |       |              |          |                |              |         | į.           |                                                  | ĺ            |              | ļ          | 1             |          | 1              | 59            | 59       |                      |            |
| 67 -7                          |           | i i           |       |              | -        | • • •          | ļ - · ;      |         | <del> </del> | †··                                              | <del> </del> |              |            |               | ·        | -              | 34            | 34       |                      |            |
| 8/ -9                          | . 3       | i,            |       |              |          |                | : .          |         | }            |                                                  | ļ            |              |            | ļ             |          |                | 30            | 30       |                      | _          |
| 07-11                          |           | 0             |       |              |          |                | +            |         |              |                                                  |              |              |            |               |          | i              | 2.5           | 22       | 1                    |            |
| 2/-13                          |           | a             |       |              |          |                | !            |         |              |                                                  | L            |              |            |               |          |                | 18            | 18       |                      |            |
| 4/-15                          | - ,       | a             |       |              |          | ;              |              |         |              |                                                  |              |              |            |               |          |                | 19            | 19       |                      |            |
| 6/-17                          |           | <u> </u>      |       |              |          | ·              | ·<br>        |         | <u> </u>     | <u> </u>                                         |              | <u></u>      | +          |               | ļ        | ļ              | 15            | 15       |                      |            |
| P/-19                          | . 1       | 0             | •     |              |          |                | 1            |         | 1            |                                                  | İ            | 1            | !          | 1             | ļ        | 1              | 11            | 11       | . 72                 |            |
| 0/ <b>-21</b><br>2/ <b>-23</b> |           | . <del></del> |       | <del> </del> |          | ļ              |              | . —     |              | ļ <u>-</u>                                       |              | ļ            | +          |               |          | <del>-  </del> |               | - 4      |                      |            |
| 4/-25                          | • •       |               |       |              |          | [              | [ 1          |         | (            |                                                  | ĺ            | ĺ            | 1          | }             | !        | 1              | 1             | ,        |                      |            |
| 67-27                          |           | - •           | -     |              |          | +              |              |         |              |                                                  |              |              |            |               |          | <del> </del> - | +             |          | <del> </del>         |            |
| 8/-29                          | I         | !             | 1     | , i          | i        | 1              |              |         |              |                                                  | ļ            | 1            |            |               |          |                | 1 1           |          |                      |            |
| 4/-35                          |           |               |       |              |          |                |              |         |              | <del>                                     </del> |              | -            | +          |               |          | <del></del> -  | 1             |          |                      |            |
| 0/-41                          | i         |               | i     |              | 1        | -              |              |         |              | İ                                                | ĺ            | Ì            |            |               | i        |                | 1 1           |          |                      |            |
| 47-45                          |           |               |       |              |          |                |              |         | _            |                                                  |              |              |            |               |          | 1              | 1             |          |                      |            |
| TAL                            | 11.442    | 523.2         | 11.5  | 6.8          | 2.9      | 9.             | .5           | • 1     | • 2          | •1                                               | •0           |              |            |               |          | <u></u>        |               | 7200     |                      | 72         |
| i                              |           | į             | 1     |              |          | }              |              |         | }            |                                                  |              |              |            |               |          |                | 7200          |          | 7200                 |            |
|                                |           |               |       |              | l        | <del> </del>   | ļ            |         | ļ            | <u> </u>                                         | ļ            | <del> </del> |            | ļ             | L        | ļ              | <del>  </del> |          |                      |            |
| - 1                            | -         | 1             | i     |              | ĺ        | ĺ              |              |         | [            | 1                                                |              | 1            | 1          | l             | ì        |                |               |          |                      |            |
|                                |           | _             | · ·   |              |          | <del> </del>   | <del> </del> |         |              | <del> </del>                                     |              |              |            | <del> </del>  |          | <del></del>    | <del> </del>  |          |                      |            |
|                                |           |               |       |              |          | 1              |              |         |              |                                                  |              | ļ            |            | )             |          |                |               |          |                      |            |
| •                              |           | +             |       |              | i        | <del> </del> - | <del> </del> |         | t            | <del> </del>                                     |              |              | +          |               |          | -              | <del> </del>  |          |                      |            |
|                                |           | :             |       | ļ            |          |                |              |         | ĺ            | 1                                                | 1            |              | ĺ          | ĺ             |          | į              | 1 1           |          |                      |            |
| - •                            | · ··· - į | - +-          | -     |              |          |                |              |         | 1            |                                                  | i            | 1            |            |               |          | T              |               |          |                      |            |
| i                              |           |               | Ì     | ii           | }        | Ĺ              | l            |         |              | <u> </u>                                         | j            |              |            |               | l        | <u> </u>       | <u></u> i     |          |                      |            |
|                                |           |               |       | 1            |          |                |              |         |              |                                                  |              |              |            |               |          | ]              |               |          |                      |            |
|                                |           |               | -     | <u></u>      | <u> </u> | <u> </u>       | <u> </u>     |         | ا            | Ь.,                                              |              | <u> </u>     |            | L             |          | <u> </u>       | <u>اا</u>     |          |                      |            |
| ement (X)                      | Σχ'       | 68612         |       | Z x 4926     | 04       | X<br>AB. A     | 14.7         | 4.8     | No. 0        | 00                                               |              |              | . 10 5     | $\overline{}$ |          |                | th Temperat   |          |                      |            |
| l. Hum.                        |           | 773676        |       | 1957         |          | 27.2           | 14.1         | 90      |              | 00                                               | 10           |              | 132 F      | ≥ 67          | , F      | ≥ 73 F         | ≥ 80 F        | P 92 1   |                      | rotal<br>7 |
| y Bulb                         |           | 86392         |       | 1738         |          |                | 12.2         |         |              | 00                                               |              |              | 321.4      |               |          |                | <del>-</del>  | +        |                      |            |
| w Point                        |           | 25142         |       | 1258         |          |                | 12.4         |         | 72           | 00                                               |              |              | 678.1      | <del> </del>  | -+       |                | +             | 1        |                      | 7          |

USAFETAC FORM 0.26-5 (ULA)

### **PSYCHROMETRIC SUMMARY**

| 102            | FIRT S      | MITH         | NWT          | DUT      | APT    |         |              |        | 57-6     | 6              |          |                                        |         |            |             |                |           | MA              |        |
|----------------|-------------|--------------|--------------|----------|--------|---------|--------------|--------|----------|----------------|----------|----------------------------------------|---------|------------|-------------|----------------|-----------|-----------------|--------|
| STATION        |             |              | STA          | TION NAN | AE.    |         |              |        |          |                |          |                                        | YEA     | RS.        |             | PAGE           | 1 _       | AL<br>HOURS (L. | L      |
| Temp.          |             |              |              |          | WET    | BULBT   | EMPERA       | TURE   | EPRES    | SION (F        |          |                                        |         |            |             | TOTAL          |           | TOTAL           |        |
| (F)            | 0 1 . 2     | 3 - 4        | 5 - 6        | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14 1    | 5 - 16 | 7 - 18 1 | 9 - 20 2       | 1 - 22 2 | 3 - 24 2                               | 25 - 26 | 27 - 28 29 | - 30 * 31   | D.B. W.B. D    | ry Bulb W | er Bulb D       | ew Poi |
| 8/ 87          |             |              | •            |          |        |         |              |        |          |                |          | İ                                      | į       | i          | • 0         | 3              | 3         | -               |        |
| 6/ 85          |             |              | i            |          | - !    |         | \            |        |          |                |          |                                        |         | _ • 0      | .0          | 2              | 2         |                 |        |
| 4/ 83          | •           |              |              |          |        |         |              |        |          |                |          |                                        | .0      |            |             |                | 2         | 1               |        |
| 2/81           |             |              |              | . 1.     |        |         |              |        |          |                |          | .0                                     |         |            | +           | T0             | 10        |                 |        |
| 07 79          |             |              | 1            |          | 1      | ļ       | 1            | į      | ŧ        |                | .0       | • 1                                    | • 0     | ļ          |             | 11             | 11        | i               |        |
| 8/ 77          |             |              |              |          |        |         |              |        |          | .0             | .0       | .1                                     |         |            |             | 14             | 14        |                 |        |
| 67 75          |             |              |              | ļ        | 1      |         | - 1          |        | . 2      | . 1            | .0       | • 0                                    | 1       |            | !           | 43             | 43        | ,               |        |
| 4/ 73          |             |              |              |          |        |         |              | • 0    | •4       | .3             | :1       |                                        | -       |            | <del></del> | 60             | 60        | :-              |        |
| 27 71          | 1           | ,            | 1            |          | i      | ٠ ۾     | • 0          | . 1    | . 4      | . 2            | • •      |                                        |         |            |             | 83             | 83        | :               |        |
| 0/ 69          |             |              |              |          |        | • 0     | • 1          | - 7    | - : 3    | :0             | -+       |                                        |         | -+         | <del></del> | 110            | 110       |                 |        |
| 8/ 67          |             | : [          |              | . 0      | .0     | •0      | . 6          | 8      | .1       | • •            |          | 1                                      |         | i i        | (           | 143            | 143       |                 |        |
| 6/ 65<br>4/ 63 |             | ·            |              | 4        | .1     | . 5     | .8           | • 7    | .0       |                |          |                                        |         |            |             | 155            | 155       | •               |        |
| 2/61:          |             | 0            | .0           | . 2      | . 5    | . 9     | 1.0          | . 5    | • 0      |                | - 1      | į                                      |         |            | į           | 235            | 235       | :               |        |
| 6/ <b>5</b> 9  | · · · · · · | ] _ []       | 1            | 1        | 1.0    | 1.0     |              | . 3    |          | -              |          | <del>-</del>                           |         | -          |             | 764            | 268       | 1               |        |
| 8/ 57          | 1           | i            |              | . 4      | 9      | 1.1     | 7            | . 0    | • d      | 1              | - !      |                                        |         |            | i           | 257            | 257       | 29              |        |
| 6/ 55          | ÷           | •1           | .3           | - 6      | 1.5    | 1.0     | . 5          | .0     |          |                |          |                                        |         |            |             | 298            | 298       | 66              |        |
| 4/ 53          |             |              | . 5          | 1.2      | 1.8    | . 8     | . 3          | . 0    | Į        |                |          | į                                      | į       |            |             | 377            | 377       | 171             |        |
| 27 51          | - 7         | 4            | .7           | 1.3      | 1.7    | 7       | • 7          |        |          | - $+$          |          |                                        |         |            |             | 384            | 384       | 313             |        |
| 0/ 49          | • d         | 5            | 1.3          | 1.3      | 1.2    | . 4     | - 1          | ļ      | 1        |                |          |                                        |         | į.         |             | 386            | 386       | 425             | _ 2    |
| 8/ 47          | 7. 7.       | X 100        | 1.5          | 1.8      | . 9    | • 2     |              |        |          |                |          |                                        |         |            |             | 454            | 454       | 424             | 7      |
| 6/ 45          | •1 •        | 1.4          | 1 - 5        | 1.5      | . 3    | • 1     |              |        |          |                |          |                                        |         |            |             | 431            | 431       | 588             | 10     |
| 47 43          | . I I .     | 7 I.H        | 2.0          | 1.3      | .3     |         |              | i      |          |                | 1        | 1                                      |         | - 1        |             | 480            | 480       | 634             | 3 2    |
| 2/ 41          | - 3 1.0     | 1.3          | 1.5          | 1.0      | • 2    |         |              |        |          |                |          |                                        |         |            |             | 460            | 460       | 682             | 46     |
| 0/ 39          | •3 1•       | 7 1.5        | 1.8          | 1.0      | • 1    |         |              |        |          | - !            | ì        |                                        |         |            |             | 1 -            |           | 575             |        |
| 8/ 37          | -2 1-       | 2.1          | 1.5          | . 4      |        |         | i            |        |          |                |          | i                                      |         |            |             | 421<br>381     | 421       | 530             | 60     |
| 07 35          | ·Z 1.       |              |              | . 2      |        |         | 1            | ļ      | ł        | - 1            | ł        | 1                                      | - I     |            | 1           | 334            | 334       | 510             | 66     |
| 4/ 33          | .3 1.       | 2.0          |              | . 1      |        |         |              | !      |          |                |          |                                        |         |            |             | 284            | 284       | 497             | 61     |
| 2/ 31          | •3 1•       |              |              | I        |        | !       | į i          |        |          |                |          |                                        |         |            |             | 224            | 224       | 359             | 6      |
| 0/29           | 1 1 .       |              | 1            | . 1      |        |         | ļ ļ          |        |          |                |          |                                        |         |            |             | 180            | 180       | 268             | 57     |
| 87 27          | 0 1         |              |              | i        |        | !       | ; }          |        |          | ]              | 1        | 1                                      |         |            | - 1         | 119            | 119       | 204             | 5      |
| 6/ 25          | • d 1 •     |              | · - i        | 1        |        |         | ,            |        |          |                |          |                                        |         |            |             | 90             | 90        | 157             | 4      |
| 4/ 23          | 0           |              |              |          |        |         |              |        |          | ļ              |          |                                        | -       |            |             | 60             | 60        | 108             | 33     |
| 2/ 21          | •1          | 1            |              |          |        | L       | ني_          |        | No. Ob   | <del>. 1</del> |          | لـــــــــــــــــــــــــــــــــــــ |         | Mean No    | of Hours    | vith Temperatu |           |                 |        |
| lement (X)     | Σχ'         | <del>-</del> | ! <b>-</b>   | X        |        | Ž       | - "x         |        | 140. UB  |                | ± 0 F    |                                        | 32 F    | ≥ 67 F     |             | ≥ 80 F         | ≥ 93 F    | Ť               | ota l  |
| el. Hum.       |             |              |              |          |        |         | <del> </del> | -+-    |          |                |          | +-                                     |         |            | +           | T              | 1         |                 |        |
| Try Bulb       |             |              | <del> </del> |          | +-     |         | <del> </del> |        |          |                |          |                                        |         |            | $\top$      |                | T         |                 |        |
| er Bulb        |             |              | 1            |          |        |         | ļ            | -+-    |          | -+             |          | -                                      |         |            |             |                | 1         |                 |        |

USAFETAC FORM 0-26-5 (OLA)

## **PSYCHROMETRIC SUMMARY**

| 6102                    | FUR      | T SMIT                        |             |                                                  |                |             |           |          | 57=6        | 6             |              |            |              |              |                                                  |             |              | Δ٧          |
|-------------------------|----------|-------------------------------|-------------|--------------------------------------------------|----------------|-------------|-----------|----------|-------------|---------------|--------------|------------|--------------|--------------|--------------------------------------------------|-------------|--------------|-------------|
| STAT UN                 |          |                               | S           | TAT ON N                                         | AME            |             |           |          |             |               |              | YE         | ARS          |              | PAGE                                             | ,           | MON<br>A (   | LL          |
|                         |          |                               |             |                                                  |                |             |           |          |             |               |              |            |              |              |                                                  |             | HOURS (L     |             |
| Temp.                   |          |                               |             | -,                                               |                |             |           |          | DEPRES      |               |              |            |              |              | TOTAL                                            |             | TOTAL        |             |
| (F)                     |          |                               |             | 7 - 8                                            | 9 - 10         | 11 - 12     | 13 - 14 1 | 15 - 16  | 17 - 18 1   | 9 - 20        | 21 - 22 23 - | 24 25 - 26 | 27 - 28 29 - | 30 ≥ 31      | D.B. W.B. (                                      | 57          | 75           |             |
| 20/ 19                  | • 1      |                               |             | İ                                                | 1              | !!          |           |          | ]           |               | ĺ            |            |              |              | 37                                               | 37          | 48           | 20          |
| 18/ <u>17</u><br>16/ 15 | -10      | .3 .                          |             | <del> </del>                                     | <del></del>    | <del></del> |           |          |             |               |              |            |              |              | 29                                               | 29          | 41           |             |
| 14/ 13                  | • 0      |                               | * 1         | 1                                                |                |             | -         | !        | ]           | 1             | [            |            | ĺ            |              | 12                                               | 12          | 25           |             |
| 12/ 11                  |          | - <u>1</u>                    | ļ           | +                                                |                |             |           |          |             | -             |              |            |              |              | 19                                               | 17          | 16           |             |
| 10/ 9                   | • 14     | . 2:                          |             | !                                                | 1              |             |           | ļ        | į           | }             |              |            |              |              | 17                                               | 17          | 20           |             |
| 8/ 7                    | •0       | · 2                           | ļ           | ļ. —                                             | <del> </del> - | L           | +         |          | <del></del> |               |              |            |              | -+           | - 5                                              | 5           | 10           |             |
| 6/ 5                    | . 1      | . 0                           | !           | 1                                                |                | ! !         |           | 1        | ļ           | į             | ł            | 1          | İ            | 1            | 11                                               | 11          | iì           |             |
| 4/ 3                    |          | •0                            | <del></del> | +                                                | <del> </del>   | ·           |           |          |             | $\rightarrow$ |              |            |              | <del></del>  | <del> </del>                                     |             | 2            | 4           |
| 2/ 1                    | • 0      | • •                           | ı           | 1                                                |                |             | )         | j        | }           |               | - 1          |            |              |              | 1                                                | 1           | 1            | 1           |
| 0/ -1                   |          |                               | -           | <del> </del>                                     | <del> </del>   |             |           |          |             |               | -            |            |              |              | <del>                                     </del> |             | <del>-</del> | <del></del> |
| -2/ -3                  |          | !                             | 1           | í                                                |                |             | - 1       | - 1      | - /         | i             | 1            | 1 1        |              | 1            | 1                                                |             |              | ļ           |
| -4/ -5                  |          | <del></del>                   |             | <del>                                     </del> | <del> </del>   |             |           |          | -           | $\dashv$      |              |            |              |              |                                                  |             |              |             |
| STAL                    | 2.51     | 9.419.                        | 4 25.5      | 912.7                                            | 10.5           | 7.0         | 5.7       | 3.7      | 1.0         | 1.0           | . 2          | .2 .1      | • 0          | . 1          |                                                  | 7440        |              | 744         |
|                         |          |                               | :           | 1                                                | <b>†</b>       |             |           |          |             |               |              |            |              |              | 7440                                             |             | 7440         |             |
|                         |          |                               | į.          | l                                                | i              | }           | - 1       | -        | 1           | Į.            |              | - [        | ;            |              |                                                  |             |              |             |
|                         |          |                               | 1           |                                                  | 1              |             |           |          |             |               |              |            |              |              | 1                                                |             |              | :           |
|                         |          |                               | į           | 1                                                | [              | i           | - [       | ĺ        | - 1         | - [           | i            | 1          |              | Í            | 1                                                |             |              | -           |
|                         |          | •                             |             | 1                                                | ļ              |             |           |          |             |               |              |            |              |              |                                                  |             |              |             |
|                         |          |                               |             | ł                                                | 1              |             | j         |          |             | 1             |              | 1 1        | . [          |              | i. 1                                             |             |              |             |
|                         |          |                               |             | · i                                              | 1              |             |           |          |             |               |              |            |              |              |                                                  |             |              |             |
|                         |          |                               |             |                                                  |                |             |           |          |             |               |              |            | i            |              | 1                                                |             |              |             |
|                         |          | •                             | •           |                                                  |                |             |           |          |             |               |              |            |              |              |                                                  |             |              | 1           |
|                         |          |                               | 4           |                                                  | 1              |             |           |          |             |               |              |            |              |              | i i-                                             |             |              | •           |
|                         |          | •                             | ,           |                                                  | 1              |             |           |          |             |               |              |            |              |              |                                                  |             |              |             |
|                         |          |                               |             |                                                  |                | 1 1         |           |          |             |               |              |            |              |              | <u> </u>                                         |             | L            |             |
|                         |          | 1                             |             |                                                  | ĺ              |             | - 1       |          | İ           | - 1           |              | 1 1        | }            |              | 1                                                |             | - 1          | 1           |
|                         |          |                               |             | ļ                                                | 1              | ·<br>•      | 1         |          |             |               |              |            |              |              | l                                                |             | ·            | ·<br>       |
|                         |          |                               |             | 1                                                | 1              | , i         |           | į        |             |               | }            | 1 1        | 1            | }            | 1                                                |             |              |             |
|                         |          |                               |             |                                                  | . <del>.</del> | <u>.</u>    |           |          |             |               |              |            |              |              |                                                  |             | L            | <u> </u>    |
|                         |          |                               |             | }                                                | 1              |             |           | 1        |             | 1             |              |            |              | 1            | i                                                |             | : 1          | 1           |
|                         |          |                               |             | i                                                | <b></b> -      | L           |           |          | LL          |               |              |            |              |              | <b>↓</b> -                                       |             |              |             |
|                         | I        |                               | ,           | i                                                | -              | į           |           | Ì        |             | 1             | 1            |            |              | ĺ            |                                                  |             | , ]          |             |
|                         | <u> </u> |                               |             | <u> </u>                                         |                |             |           |          | لميسا       |               |              |            |              |              | <u> </u>                                         |             |              |             |
| Element (X)             |          | X <sup>2</sup><br>8 ** / ## / | 31          | Z X                                              |                | X-          | · 5       |          | No. Obs     |               |              |            |              | of Hours wit |                                                  | ~           |              | <u>.</u> –  |
| Rel. Hum                |          | 874554                        |             | 439                                              |                | 77,0        | 19.4      | 12       | 744         |               | = 0 F        | : 32 F     | ≥ 67 F       | ≥ 73 F       | 80 F                                             | 2 93 I      |              | Total       |
| C 8016                  |          | 624543                        |             | 3349                                             | 740            | *2.0        | 12.5      | 4        | 744         |               |              | 114.4      | 33.9         | 8.6          | 1.5                                              | <b>'</b>    |              | 74          |
| Wer Bulb                |          | 161594<br>725387              |             | 2862                                             | 138            | 30.0        | 8.9       | 27       | 744         | <u> </u>      | 1 3          | 184.2      |              |              | <del> </del>                                     | <del></del> | {            | 74          |
| Dew Point               | <u> </u> | 1 6 7 7 0 1                   | ~           | 4666                                             | , 30           | 30.0        | 0.0       | <u> </u> | . 79        | 'U            | 7 . 3        | 77019      |              |              | L                                                | . L         |              | 77          |

USAFETAC NINA 0.26.5 (OL.A). BRINGO MENDOS ECONOMI OF THIS HORM ARE CIRCUITED.

26102

FORT SMITH NWT DOT APT

### **PSYCHROMETRIC SUMMARY**

| ši a i i u k                    |             |         | s*     | ATION NA     | ME          |            |              |          |              |         |              |          | YEAR     | 15       |               | PAGE          | 1                | AL         |       |
|---------------------------------|-------------|---------|--------|--------------|-------------|------------|--------------|----------|--------------|---------|--------------|----------|----------|----------|---------------|---------------|------------------|------------|-------|
|                                 |             |         |        |              |             |            |              |          |              |         |              |          |          |          |               | -,            | -                | HC JAK     | · • . |
| Temp.                           | <del></del> |         |        |              | WET         | BULB T     | EMPER        | ATURE    | DEPRE        | SION (F | )            |          |          |          |               | TOTAL         |                  | TOTAL      |       |
| (F)                             | 0 1 - 2     | 3 - 4   | 5 - 6  | 7 - 8        |             |            |              |          |              |         |              | 3 - 24 2 | 5 - 26 2 | 7 - 28 2 | 30 - 31       | D.B. W.B. (   | ry Bulb          | Wer Buch ( | Dru P |
| C/ 89                           | •           | •       |        |              |             |            |              |          | 1            | i       | - •          |          | • 0:     |          | •             | 3             | 3                |            |       |
| 8/ 87                           |             |         | i      | - /          | 1           | 1          |              | - }      |              | J       |              | • 0      | • 0      |          |               | 4             | 4                |            |       |
| 6/ 85                           |             | i       |        |              | $\neg \neg$ |            |              |          |              | • 11    | • 1          | .0       | ~        | •        | •             | · •           | - ' <b>T</b>     |            |       |
| 4/ 83                           |             |         |        | 1            | ļ           |            | i            |          |              | • 0     | . 1,         |          |          |          |               | *             | 6                |            |       |
| 27 81                           |             |         |        |              |             |            |              |          | • 2          | . 3     | • 2          | •        | •        | •        | •             | 46            | 46               |            |       |
| 0/ 79                           |             | 1       | :      | 1            | i           | :          |              | .0       | • 4          | . 4     | . 3          |          |          |          |               | 61            | 61               |            |       |
| 8/ 77                           |             |         | i 1    |              |             |            | • 1          | . 3      | • 4          | . 3     | • 1          | ି ପ      |          |          |               | 77            | 77               |            |       |
| 6/ 75                           |             |         |        | _ 1          |             | • 1        | . 4          |          | .6           | . 3     | • 0          | • 0      |          |          | _             | 139           | 138              |            |       |
| 4/ 73                           |             |         |        |              | • 1         | . 3        | • 7          | . 6      | .0           | · Z     | • 0          |          |          |          |               | 183           | 173              |            |       |
| 2/ 71                           |             | 1       |        | • 1          | . 3         | . 9        | . 9          |          | ٠ 8          | . 3     | • 0          |          |          |          | _             | 281           | 241              |            |       |
| C/ 69                           |             | Τ.      | • 0    | - Z          | . 6         | 1.3        | . 9          |          | • 7          | - 1     |              |          | ,        |          |               | 753           | 353              |            |       |
| 8/ 67                           |             | • 1     | . 2    | . 3          | .6          | 1.2        | 1.3          |          | . 4          |         | ].           |          |          |          |               | 761           | 361              | _          |       |
| 6/ 65                           |             | . • 1   | . 3    | . 0          | . 9         | 1.2        | 1.2          |          | •1           | :       |              |          |          |          |               | 376           | 376              | 3          |       |
| 4/63                            | - 1         | g •3    | . 4    | 1.1          | 1.3         | 1.2        | . 9          | . 3      | _ • <u>q</u> |         |              |          |          |          |               | 405           | 405              | 74         |       |
| 2/ 61                           |             | 3 .7    |        | 1.0          | 1.2         | • 6        | • 7          | • "      | _ • <b>□</b> | :       |              |          |          |          |               | 417           | 417              | 184        |       |
| 0/ 59                           | •1 •        | 8 1.0   | 1.2    | 1.7          | 1.0         | . 9        | .6           | • 1      | - 1          | ·       |              |          | <b>.</b> |          |               | 530           | 536              | 425        |       |
| 8/ 57                           | • 4 1 •     | 2 1.3   | 1.3    | 1.3          | . 8         | • 7        | • 2          |          | 1            | 1       |              |          |          |          |               | 7 713         | 513              | 565        | 1     |
| 6/ 55                           | • 11 1 •    | 4 10    | 1.04   | 1.0          | . 9         | .7         | • 1          |          |              |         |              |          |          |          |               | 520<br>5453   | 520<br>443       | 697<br>703 | 2     |
| 4/ 53<br>2/ 51                  |             | 0 1.1   | 1.0    | 1.2          | . 9         | . 2        | • 0          |          | ļ            | 1       | - 1          | i        |          |          |               | 467           | 467              | 865        | 3     |
| _                               | .2 2.       | 1 107   | 1.3    |              |             | - 1        |              |          |              |         |              |          | +        |          |               | 196           | 376              | 707        | 6     |
| 07 49"<br>8/ 47                 | .21.        | 9 1 . 3 | 1.3    | . 5          | - 3         | ·I         |              |          | I            |         |              | ľ        | i        |          |               | 332           | 332              | 580        | 6     |
| 6/ 45                           | • • • •     | 3 106   | 1.1    | - :4         | - 1         | <u>• 0</u> |              |          |              |         |              |          |          | •        |               | 797           | 245.             | 330        | 6     |
| 4/ 43                           | • 4 1 •     |         | 7      |              | .0          | i          |              |          | 1            | ŀ       |              |          | i        |          |               | 252           | 252              | 451        | 6     |
| 7/ <b>7</b> 7<br>27 <b>4</b> 1: | - 21        | 4 .     | است اد |              | .0          |            |              |          |              |         |              |          | 1        | !        |               | 225           | 222              | 34Z        | 5     |
| U/ 39:                          | 1 1.        |         | -      |              | • 0         |            |              |          |              | j       | İ            | ļ        | 1        |          |               | 154           | 154              | 287        | 5     |
| 8/ 37                           | 3 1         |         | ·      |              |             |            |              |          |              |         |              |          |          |          |               | . 123,        | 153              | 244        | 3     |
| 6/ 35                           |             | 6 .3    | i      | • •          |             |            |              |          |              |         | - 1          | 1        |          | 1        |               | 85            | 89               | 167        | 5     |
| 47 <b>33</b> :                  | . –         | 3 .4    | 1      | <del>i</del> |             |            |              |          |              | +       |              |          |          |          |               | 49            | 4.0              | 110        | 3     |
| 2/ 31                           |             | 3       |        | 1            | 1           |            |              | i i      |              |         | 1            | 1        |          | ļ        |               | 37            | 37               | 86         | 2     |
| C/ 29                           |             | z0      |        |              | -           |            |              |          |              |         |              |          | -+       | -+       | _ 1           | 13            | 13:              | 39         | Ž     |
| 8/ 27                           |             | 2       | 1      | ,            | i           |            |              |          |              | -       |              |          |          | 1        |               | 11            | ii               | 20         | i     |
| 6/ ZT                           |             | ī:      |        |              |             |            |              |          |              |         | <del> </del> |          |          |          |               | · •           | - <del>•</del> • | 3.         | •     |
| 4/ 23                           |             | ô       | !      | į.           | į           |            |              |          | 1            | - 1     |              |          | 1        |          |               | •             |                  | 6          |       |
| ement (X)                       | Ex,         |         | ·      | ž x          | $\neg \neg$ | ¥          | •            | $\vdash$ | No. Ob       | . 1     |              |          |          | Mean No  | of Hours =    | ith Temperatu | · ·              |            | _     |
| I. Hum.                         |             |         | •      | _^_          | -           | -^         |              |          |              |         | # 0 F        | 7.       | 32 F     | ≥ 67 F   | <del></del> · | 80 F          | . 93 F           | Т.         | otel  |
| y Bulb                          |             |         | f · ·  |              | - +         |            | <del></del>  |          |              |         |              | +        |          |          | +             |               | 1                |            |       |
| er Buib                         |             |         | †      |              |             |            | <del> </del> | -+-      |              |         |              | +        |          |          | +             |               |                  | - +        |       |
| w Point                         |             |         | t      |              |             |            |              |          |              |         |              |          |          |          | +             | †·            | <del>)</del> —   | <u> </u>   |       |

57-66

USAFETAC FORM 0.26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOICE

FORT SMITH NET DOT APT

26102

## **PSYCHROMETRIC SUMMARY**

JUN

| 51 AT    | ON:  |     |       |               | ;        | STATION | NAME   |          |          |         |          |         |         |         | Y        | E ARS    |         |          | PAG        | 2        | Δ         | NTH<br>LL<br>L, S, T., |
|----------|------|-----|-------|---------------|----------|---------|--------|----------|----------|---------|----------|---------|---------|---------|----------|----------|---------|----------|------------|----------|-----------|------------------------|
| Temp     | ·. , |     |       |               |          |         | WET    | BULB     | TEMPER   | ATURE   | DEPRE    | SSION ( | F)      |         |          |          |         |          | TOTAL      |          | TOTAL     |                        |
| (F)      |      | 0   | 1 - 2 | 3 - 4         | 5 - 6    | 7 - 8   | 9 - 10 | 11 - 12  | 13 - 14  | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26  | 27 - 28  | 29 - 30 | ≥ 31     | D.B. W.B.  | Dry Bulb | Wet Bulb  | Dew Po                 |
| 227      |      |     |       | Ġ             |          | -       |        |          |          |         |          |         |         |         |          |          |         |          | 1          | ì        | 2         |                        |
| 20/      |      |     |       |               |          | i       |        | İ        |          |         |          |         |         |         |          | 1        | ĺ       | [        | [ ]        |          |           | 2                      |
| 191.     |      | i   |       |               |          | 1       |        |          |          |         |          |         |         |         | Ī        | 1        |         |          | ,          |          |           | , T                    |
| 16/      | 15   |     |       |               |          | İ .     |        | 1        | L        | !       | l        |         |         |         |          | j        |         |          | ļ          |          |           | į                      |
| 127      | 11   |     |       |               |          | _       | T      |          |          |         |          |         |         |         |          |          |         | Ţ        |            |          |           |                        |
| OTAL     | •    | 2.8 | 17.   | 814.9         | 13.      | 211.    | 7 9.1  | 9.7      | 7.8      | 5.7     | 4.0      | 1.9     | . 8     | - 1     | . • 1    | L)       |         | i        |            | 7200     |           | 720                    |
|          |      |     |       |               |          |         |        |          |          |         |          |         |         |         |          |          |         | 1        | 7200       |          | 7200      |                        |
|          |      |     |       | <u> </u>      |          |         | j      |          |          |         |          |         |         |         |          |          |         |          |            |          |           |                        |
|          |      |     |       |               | 1        |         | Ţ      |          | j,       | ļ       |          |         |         |         | Ţ        |          |         | į        |            |          |           | ]                      |
|          |      |     |       |               | 1        |         |        |          |          |         |          |         |         |         | İ        | <u></u>  | Ĺ       | 1        | i1         |          | <u> </u>  | i                      |
|          | _    |     | _     | i.            |          | 1       | 1      |          |          |         |          |         |         |         |          | -        |         |          |            |          |           |                        |
|          |      |     |       | - <del></del> | -        |         |        | 1        |          |         |          |         |         |         |          | L        | L       | .l       | i          |          | <u>L </u> | !                      |
|          |      |     |       | -             |          |         |        |          |          |         |          |         |         |         |          | 1        |         |          | i — i      |          |           |                        |
|          |      |     |       |               |          | 1       |        |          | L        |         | ļ        |         |         |         |          | <u> </u> | i<br>   |          |            |          |           |                        |
|          |      |     |       |               |          | ĺ       | [      | 1        | 1        | ĺ       | ( )      |         |         |         |          | 1        | i       | ì        |            |          |           |                        |
|          |      |     |       |               |          | .       |        | L        | <u> </u> |         | <u></u>  |         |         |         |          | L        |         | L        | ·i         |          |           |                        |
|          | -    | Ī   |       |               | j        | -       | 1      |          |          |         |          |         |         |         |          | j        |         |          |            |          |           | _                      |
|          |      |     |       |               |          | L       |        | i        | L        | L       |          |         |         |         | <u>L</u> |          |         | 1        |            |          |           |                        |
|          |      |     |       |               |          | -       | i T    |          |          |         |          |         |         |         |          |          |         |          |            |          |           | :                      |
|          |      |     |       |               |          | 1       |        | l        | <b> </b> |         |          |         |         |         |          | L        | L       | <u> </u> |            |          |           |                        |
|          |      |     |       |               | -        | 1       | 1      |          |          |         |          |         |         | _       | 1        | 1        |         |          |            |          |           |                        |
|          |      | 1   |       |               |          | 1       |        | ļ        | ↓        | L       |          |         |         |         |          | <u> </u> |         | <u> </u> |            |          |           | •                      |
|          |      |     |       |               | 1        | ł       | 1      |          | {        | ĺ       | [ ]      |         |         |         |          |          |         |          |            |          |           |                        |
|          |      |     |       |               | 1        | 1       | _1     | <u> </u> | ļ        |         |          |         |         |         | L        | 1        |         | <u> </u> | <u> </u>   |          |           | ·                      |
|          |      |     |       |               |          |         | j      | 1        |          | )       |          |         |         |         |          | ļ        |         |          | J I        |          | 1         |                        |
|          |      |     |       |               | ļ        |         | -1     | <br>-•   | ļ        |         |          |         |         |         |          | L        |         | <u> </u> | ļi         |          | L         |                        |
|          |      | i   |       |               | 1        | 1       | 1      | i        |          |         |          |         |         |         |          |          |         |          | 1 ]        |          |           | 1                      |
|          |      | - 1 |       |               |          | į       |        | i        | L        |         | l        |         |         |         |          | <u> </u> |         | !        |            |          |           | !                      |
|          |      |     |       |               |          | 1       |        | 1        |          | •       | 1        |         |         |         |          |          | ļ       |          |            | 1        |           |                        |
|          |      |     |       |               | 1        | ļ       |        |          | L        |         | ļ        |         |         |         | ļ        | <u> </u> |         | <u> </u> |            |          |           | <b></b>                |
|          |      |     |       | :             | ;        | 1       | 1      | <b>[</b> |          |         |          |         | 1       |         |          |          | 1       | (        |            |          | i         | i                      |
|          |      |     |       | 1             |          | i       | 1      | <u> </u> | 1        |         | ļ        |         |         |         | L        | L        |         | J        | <b>.</b>   |          |           |                        |
|          |      | 1   |       |               | į        | 1       | 1      | 1        |          | }       | ]        |         |         |         |          |          | j       |          | j j        |          |           |                        |
|          |      |     |       |               | +        | ل       | ٠      |          | ļ        | L       | <u> </u> | L       |         |         | <u></u>  | <u> </u> |         |          |            |          |           |                        |
| lement   | -+   |     | Z x'  | ****          | ļ        | ZX      | 74.    | X        | · ·      |         | No. Ob   |         |         | —т—     |          |          |         |          | h Temperat |          |           |                        |
| Rel. Hur |      |     |       | 72674         |          | 990     | 760    | 62.1     | 20.2     | 07      | 72       | 00      | 501     | F       | : 32 F   | ≥ 67     |         | 73 F     | ≥ 80 F     | × 93 1   | F         | Total                  |
| Dry Bull | +    |     |       | 4136          |          | 410     | 368    | 27.0     | 10.8     | 90      | 72       | 00      |         |         | 7.1      | 155      | • 0     | 32.5     | 9.         | 2        |           | 72                     |
| ≠e+ Bul  |      |     |       | 65045         |          |         | 651    |          | 7.4      |         |          | 00      |         |         | 16.2     |          | _       |          | l          | L        |           | 72                     |
| Dew Po   | int  |     | 134   | 60060         | <b>1</b> | 305     | 608    | 42.4     | 8.2      | 50      | 12       | 00      |         | i       | 87.4     | H        | - 1     |          | i          | 1        | - 1       | 72                     |

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USAFETAC FLAM 0.26.5 (Q., A) TRINGE REVIOUS EDITIONS OF THIS FORM ARE OBSOITED.

## PSYCHROMETRIC SUMMARY

| 102<br>STATION              |     | JK I S   | MITH         |           | LILL TATION N |          |              |         |             | 57-          | 00           |              |             |              | ARS                                              |       |              |           |             |                | UL    |
|-----------------------------|-----|----------|--------------|-----------|---------------|----------|--------------|---------|-------------|--------------|--------------|--------------|-------------|--------------|--------------------------------------------------|-------|--------------|-----------|-------------|----------------|-------|
|                             |     |          |              |           |               |          |              |         |             |              |              |              |             |              |                                                  |       |              | PAG       | 1           |                | LL    |
| Temp.                       |     |          |              |           | <del>-</del>  | WET      | BULB 1       | EMPER   | ATURE       | DEPRE        | SSION        | (F)          |             |              |                                                  |       |              | TOTAL     |             | TOTAL          |       |
| ( <b>F</b> )                | 0   | 1 - 2    | 3 - 4        | 5 - 6     | 7 - 8         | 9 - 10   | 11 - 12      | 13 - 14 | 15 - 16     | 17 - 18      | 19 - 20      | 21 - 22      | 23 - 24     |              | 27 - 28                                          | 29 -  | 30 2 31      | D.B. W.B. | Dry Bulb    | Wet Bulb       | Dew P |
| 2/ 91                       |     |          |              | i         |               |          |              | Ì       |             |              | ١.           | ١.,          | .0          |              |                                                  |       | 1            | 3         | . 3         |                |       |
| 2/89<br>3/87                |     | , —-     |              | <u></u> . |               | <u> </u> |              |         |             | Ĺ,           | • 1          |              |             |              |                                                  |       | <del></del>  | 11        | 11          |                |       |
| 5/ 85                       |     | !        |              |           |               |          |              | .0      | . 1         |              |              |              | .0          |              |                                                  |       | ļ            | 26<br>45  | 26<br>45    |                |       |
| 6/ 83                       |     |          |              |           | <u> </u>      |          | .0           |         | -::         |              |              |              | .0          |              | 7                                                |       | <del></del>  | 67        | 49          | , ,            |       |
| 2/ 81                       |     |          |              |           |               |          | 1 71         | . 2     | . 2         |              |              |              |             |              |                                                  |       |              | 96        | 96          | 1 1            | ľ     |
| 79                          |     |          |              |           |               | .0       |              | . 2     | . 8         |              |              |              |             | <del> </del> | <del>                                     </del> |       | <del> </del> | 167       | 167         | <del> </del> - |       |
| 3/ 77                       |     | 1        |              |           | .0            |          | 3            | . 6     | . 7         | .4           |              |              |             |              |                                                  |       |              | 173       | 173         | į į            |       |
| 75                          |     |          | ,            |           | •1            |          |              | . 9     | •           | • 3          |              |              |             | 1            |                                                  |       |              | 215       | 213         |                |       |
| / 73                        |     | i        |              | • 1       | . 3           |          | 1:           | 1.1     | . 8         | 1            |              | 1            |             |              |                                                  |       |              | 312       | 312         | ! -1           |       |
| 77                          |     |          |              | . 2       |               |          |              | 1.0     | •           | • 2          |              |              |             |              | 1                                                |       |              | 378       | 378         |                |       |
| 0/ 69.<br><del>3/ 67;</del> |     | ! • (    | 1            |           |               | 1.3      | 1 753        | 1.0     | .4          |              | 1            | L            |             | -            |                                                  |       |              | 429       | 429         |                | L     |
| 5/ 65                       |     |          |              |           |               |          |              | . 5     | • 3         |              | Í            |              |             |              |                                                  |       |              | 567       | 567         | 1              |       |
| 7 63                        |     |          |              |           |               |          | 7            | .5      | -:6         | 1            |              |              |             | <del> </del> |                                                  |       | +            | 566       | 556         |                |       |
| 2/ 61                       |     | 7        |              |           |               |          | -1           | . 2     | • •         |              |              |              |             |              | 1                                                |       |              | 610       | 610         | ,,             | Ĩ.    |
| 7 59                        |     |          |              |           | . 9           |          |              | •0      |             | <del> </del> |              |              |             |              | ++                                               |       | +            | 667       | 667         | 1 - 1          | 3     |
| 8/ 57                       |     | 2.2      |              |           | .6            |          | . 2          |         |             |              |              | 1            | i           | }            | i                                                |       |              | 613       | 613         | 954            | 5     |
| 7 55                        |     | 3.0      | 2.4          |           |               |          | 2 .0         |         |             | -            |              |              |             |              |                                                  |       |              | 588       | 588         |                |       |
| 4/ 53                       |     |          | ,            |           | ,             |          | 2 . 1        |         |             |              |              | }            |             | İ            |                                                  |       |              | 468       | 468         | 1 1 -          |       |
| 27 51                       | • 3 | 1 -7 - 7 |              |           |               |          | )            |         |             |              |              |              |             |              |                                                  |       |              | 327       | 327         |                | 9     |
| 0/ 49                       | 4   | 1        |              |           |               |          |              |         |             |              |              |              | ļ           | ļ            |                                                  |       |              | 223       | 223         |                | 9     |
| 8/ 47<br>5/ 45              |     |          | i            |           |               |          | 1            | i       |             | ì            | ĺ            | }            | l           | 1            | 1 1                                              |       | ì            | 129       | 151         | 1 1            | 5     |
| 4/ 43                       |     |          |              |           | ļ             | ļ        | <del> </del> |         |             | <del> </del> |              | <del> </del> | <del></del> |              | 1                                                |       | -            | 62        | 62          |                | 4.    |
| 2/ 41                       |     |          |              |           | 1             |          |              | . )     |             |              |              | }            | 1           |              | ]                                                |       | -            | 55        | 55          |                | 3     |
| 77 39                       | :   |          |              | 1         |               |          | -            |         |             |              | <del> </del> | <del> </del> |             | +            | <del>  </del>                                    |       | -            | 23        | 23          | 52             | 2     |
| 9/ 37                       | • ( |          |              |           |               |          |              |         |             |              |              |              |             |              |                                                  |       |              | 19        | 19          |                |       |
| 5/ 35                       |     | • (      | <del> </del> |           | t             | 1        | †- —-        |         |             | <del> </del> |              |              |             |              | -                                                |       | 1            | 3         | 3           | 12             | ī     |
| 4/ 33                       |     | • (      | ×            |           | }             |          |              | i       |             |              |              |              |             |              |                                                  |       |              | 1         | 1           | 3              |       |
| 2/ 31                       |     | 1        | 7            |           | 1             | 1        |              |         |             |              |              |              |             |              |                                                  |       |              |           |             |                |       |
| 0/ 29                       |     | 1        |              |           |               |          |              |         |             |              |              | <u></u>      |             |              |                                                  |       |              |           | •           |                |       |
| TAL                         | 3.0 | 319.8    | 116.7        | 13.7      | 10.7          | 9.9      | 8.6          | 7.1     | <b>3.</b> ( | 2.0          | 1.5          |              | . 2         | •1           | 1                                                |       | }            | 7440      | 7440        | 7440           | 74    |
| ment (X)                    |     | Σχ²      |              |           | ZX            |          | X            | · ,     | $\top$      | No. O        |              |              |             |              | Mean N                                           | o. of | Hours with   | Temperat  | ure .       |                |       |
| l. Hum.                     |     |          | 8282         |           | 5026          |          | 67.6         |         |             |              | 40           | = 0          | F           | 32 F         | ≥ 67                                             |       | ≈ 73 F       | ≥ 80 F    | <b>* 93</b> | F .            | Total |
| Bulb                        |     |          | 15064        |           | 4642          |          | 62.4         |         |             |              | 40           |              |             |              |                                                  |       | 107.7        | 30.9      | 9           |                | 7     |
| * Bulb                      |     |          | 2996         |           | 4118          |          | 55.4         |         |             |              | 40           |              |             |              | 15                                               |       | • 1          |           |             |                | 7     |
| w Point                     |     | 1404     | 7788         | L         | 3734          | 00       | 50.2         | 5.4     | Z 3         | /4           | 40           | _            |             | 3.1          |                                                  | . 6   |              | <u>.</u>  |             | 1.             | 7     |

USAFETAC FORM 0.26.5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE OLFOLETE

#### **PSYCHROMETRIC SUMMARY**

| 6102         | F13 | KT S  | MITH     | NWT                                              | DOT          | APT         |              |       |      | 57-                                     | 66             |               |         |                                                  |                |                                                  |              |                |                   | UC              |
|--------------|-----|-------|----------|--------------------------------------------------|--------------|-------------|--------------|-------|------|-----------------------------------------|----------------|---------------|---------|--------------------------------------------------|----------------|--------------------------------------------------|--------------|----------------|-------------------|-----------------|
| STATION      |     |       |          | S                                                | TATION N     | AMÉ         |              |       |      |                                         |                |               |         | YE                                               | ARS            |                                                  | PAGE         | 1              |                   | LL              |
|              |     |       |          |                                                  |              |             |              |       |      |                                         |                |               |         |                                                  |                |                                                  | 1            |                | HOURS             | . S. T.         |
| Temp.<br>(F) | 0   | 1 . 2 | 3 - 4    | 5 - 6                                            | 7 . 8        |             |              |       |      | E DEPRI                                 |                |               | 23 . 24 | 25 - 26                                          | 27 - 28 29     | 30 231                                           | D.B. W.B.    | Dry Bulb       | TOTAL<br>Wer Bulb | Dew Pa          |
| 88/ 87       |     | 1.2   | 3.4      | <del> </del>                                     | <del></del>  | 7 - 10      | 11112        | .3.14 | 13 1 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | . (            |               |         | 23 - 20                                          |                |                                                  | 7            | 2              |                   |                 |
| 86/ 85       |     | i     |          | t                                                | )            | į<br>I      |              | •0    |      | .0                                      | .0             |               |         |                                                  |                |                                                  | 51           | . 5            |                   |                 |
| 84/ 83       |     |       | <u> </u> |                                                  |              | 1           |              | .0    |      | -! -                                    |                |               |         |                                                  |                | -                                                | 20           | 50             |                   |                 |
| 82/ 81       |     | L     | L        |                                                  |              |             | .0           | •0    | 1    | . 1                                     |                |               |         |                                                  |                |                                                  | 36           | 36             |                   |                 |
| 78/ 77       |     |       |          |                                                  | .0           | .1          |              | .2    |      |                                         |                |               | •0      | 1                                                |                |                                                  | 120          | 120            |                   |                 |
| 76/ 75       |     | ļ     | <b></b>  | .0                                               | 1            |             |              | .5    |      | 1 .                                     |                | , ,           |         |                                                  | <del>  -</del> |                                                  | 149          | 149            |                   |                 |
| 74/ 73       |     | ĺ     | 1        | .1                                               | .2           |             |              | .9    |      |                                         |                | 1             |         |                                                  | ,              |                                                  | 198          | 198            |                   |                 |
| 72/ 71       |     |       | .0       |                                                  | 1 .          | .8          | 1            | .4    |      |                                         | 1              | <del>)</del>  |         | + -                                              |                | <del>-                                    </del> | 235          | 235            |                   |                 |
| 70/ 69       |     | }     | .1       | .3                                               | .8           | 1.0         |              |       |      |                                         |                | 1             |         |                                                  |                |                                                  | 295          | 295            | 13                |                 |
| 68/ 67       |     | •0    |          |                                                  | .,           | .,          |              | . 3   | • !  |                                         | <del> </del> - | 1             |         | 1                                                |                |                                                  | 304          | 304            | 99                |                 |
| 66/ 65       | •0  |       |          |                                                  | 1.2          | 1           |              | .3    | ١.   | _ i                                     | 1              |               |         | i l                                              | L i            | !                                                | 376          | 376            | 142               |                 |
| 64/ 63       | •0  |       |          | 107                                              | 1.7          | 1.0         |              | ٠Z    |      |                                         |                | 1 7           |         |                                                  |                |                                                  | 446          | 445            | 220               |                 |
| 62/ 61       | • 1 | . 8   |          |                                                  | 1.3          | 1.0         | .6           |       | l    | <u> </u>                                | <u> </u>       | L             |         | ļ                                                |                |                                                  | 540          | 540<br>638     | 423<br>653        |                 |
| 58/ 57       | •1  |       | 2.7      | 1.7                                              | 1.2          |             | .3           |       | 1    |                                         |                | 1             |         |                                                  |                |                                                  | 597          | 597            | 721               | 42              |
| 36 / 35      | .6  |       |          | 1.1                                              | .6           | 1           |              | •••   | ļ    |                                         | <u> </u>       | 1             |         | <del></del>                                      |                |                                                  | 660          | 660            | 936               | 58              |
| 54/ 53       | . 6 | 1 :   |          | . 9                                              |              |             |              |       |      |                                         |                |               |         | ı                                                |                | ļ                                                | 629          | 629            | 902               | 65              |
| 32/ 51       | . 5 |       | 1        | . 8                                              | 1 .          |             |              |       |      | +                                       |                | +             |         |                                                  |                |                                                  | 536          | 536            | 832               | 94              |
| 30/ 49       | .6  |       | 1.5      | . 4                                              | . 1          |             | !            | Ì     | (    | 1                                       |                | 1 1           |         | 1                                                |                | İ                                                | 434          | 434            | 760               | 98              |
| 48/ 47       | 1.0 |       |          | .2                                               | 1            |             | <del> </del> |       |      |                                         | <del> </del>   |               |         | <del>                                     </del> |                |                                                  | 361          | 361            | 579               | 85              |
| 46/ 45       | . 8 | 2.3   |          |                                                  | Ì            |             | i            | İ     | 1    | Ì                                       |                | 1 1           |         | }                                                | 1              |                                                  | 276          | 276            | 450               | 66              |
| 44/ 43       | . 4 |       |          | (                                                |              |             |              |       |      |                                         |                |               |         |                                                  |                |                                                  | 179          | 179            | 294               | 49              |
| 42/ 41       | . 4 | ,9    |          | 1                                                |              |             |              |       | ļ    | ļ                                       | <u> </u>       |               |         |                                                  |                |                                                  | 100          | 100            | 187               | 30              |
| 38/ 37       | .3  |       | _        |                                                  |              |             | 1            | !     |      | 1                                       |                |               |         |                                                  |                |                                                  | 65           | 65             | 88                | 18              |
| 30/ 35       | 3   |       |          | ļ                                                |              | <u></u>     | ļ            |       | +    | +                                       | <del></del>    | <del></del>   |         | <b>├</b> ──                                      |                |                                                  | 46           | 46             | 34                | ÎZ              |
| 34/ 33       | .1  | 1     |          |                                                  |              | i           | ]            | !     |      | į                                       |                |               |         | 1                                                |                |                                                  | 19           | 19             | 24                | 9               |
| 32/ 31       | • 1 |       | 1        | <del>                                     </del> | <del></del>  | <del></del> | <del> </del> |       | -    | <b>†</b>                                | <del> </del>   | <del>  </del> |         |                                                  | <del></del>    |                                                  | 7            | <del>- 7</del> | 11                | 3               |
| 30/ 29       | .0  |       |          |                                                  | 1            | 1           | i<br>        | ł     | 1    | 1                                       |                | }             |         |                                                  |                |                                                  | 3            | 3              | 4                 | 1               |
| 28/ 27       |     |       |          |                                                  |              |             |              |       |      |                                         |                |               | ·       |                                                  |                |                                                  |              |                |                   |                 |
| TOTAL        | 6.3 | 29.9  | 18.4     | 12.7                                             | 7.8          | 5.0         | 6.3          | 4.2   | 2.   | 7 1.1                                   | !              | 1             | •0      | ļ                                                | L              |                                                  |              | 7440           | 1 .               | 744             |
|              |     |       |          |                                                  |              |             |              |       |      |                                         |                |               |         |                                                  |                |                                                  | 7440         |                | 7440              |                 |
| Element (X)  |     | Σχ'   | ·        |                                                  | ZX           |             | Ī.           | •,    |      | No. O                                   |                |               |         |                                                  |                | of Hours wit                                     | h Temperati  |                |                   |                 |
| Rel. Hum.    |     |       | 8520     |                                                  | 3321         |             | 74,2         |       |      |                                         | 40             | ≤ 0 1         |         | 32 F                                             | ≥ 67 F         | ≈ 73 F                                           | 2 80 F       | - 93 1         |                   | otal            |
| Dry Bulb     | 1   |       | 5207     | 1                                                | 4326<br>3935 |             | 58.1         | 1     |      |                                         | 40             |               |         | 1.0                                              | 145.2          | _                                                | 9.6          | <b>'</b>       |                   | <del>- 74</del> |
| Wet Bulb     |     |       | 2110     | 1                                                | 3641         |             | 48.9         |       |      |                                         | 40             |               |         | 4.8                                              | .2             | ļ                                                | <del> </del> |                |                   | 74              |
| Dew Point    |     | ***   | 2740     | L                                                | ~~~          |             | 74.7         | 1000  | • "[ |                                         | ~ V            |               | ł       | 7,0                                              | • •            | l                                                | 1            | 1              |                   |                 |

#### **PSYCHROMETRIC SUMMARY**

| 6102              | FC    | RTS   | MITH         |       | DUT      |        |         |         |             | 57-0    | 56         |         |         |              | YEAI          |        |         |          |            |            |            | £ P       |
|-------------------|-------|-------|--------------|-------|----------|--------|---------|---------|-------------|---------|------------|---------|---------|--------------|---------------|--------|---------|----------|------------|------------|------------|-----------|
| STATION           |       |       |              | ST    | ATTON NA | ML     |         |         |             |         |            |         |         |              | 7EAI          | KS     |         |          | PAG        | <b>.</b> 1 |            | NTH<br>LL |
|                   |       |       |              |       |          |        |         |         |             |         |            | _       |         |              |               |        |         |          |            |            | HOURS (    |           |
| Temp.             |       |       |              |       |          |        |         |         | ATURE       |         |            |         |         |              |               |        |         |          | TOTAL      |            | TOTAL      |           |
| (F)               | 0     | 1 - 2 | 3 - 4        | 5 - 6 | 7 - B    | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16     |         |            | 21 - 22 | 23 - 24 | 25 - 1       | 26 2          | 7 - 28 | 29 - 30 | ≥ 31     | D.B. W.B.  | Dry Bulb   | Wet Bulb   | Dew P     |
| 80/ 79            |       |       | 1            | .     |          |        |         |         | • 9         | • 0     | • 0        |         |         | 1            | -             |        |         |          | 2          | 5          |            |           |
| 78/ 77:<br>76/ 75 |       |       | <del>;</del> | l     |          |        |         | •1      | • 9         | •0      | <u>• g</u> | _       |         |              | $\rightarrow$ |        |         |          | 7          | 7          |            |           |
| 74/ 73            |       |       | 1            |       | . 0      | . 0    | . 2     |         | . 0         | • 4     | .0         |         |         |              |               |        |         |          | 19         | 6<br>19    |            |           |
| 727 71            |       |       |              |       | :ă       | . 2    | ,1      |         | .1          | • 0     | • 9        |         |         |              | +             |        |         | -        | 32         | 32         |            |           |
| 70/ 69            |       |       | 1            | .0    | ĭ        | i      | ·i      | i       | . 1         | • •     | İ          |         |         |              |               | ł      |         |          | 41         | 41         |            |           |
| 58/ 67            |       |       |              | .1    | .1       | -1     | . 2     |         | . 1         |         |            |         |         |              | +             | 1      |         | -        | 52         | 52         |            |           |
| 56/ 65            |       |       | • 0          | - 1   | . 1      | . 3    | . 5     |         | .0          |         |            |         |         | 1            |               |        |         |          | 85         | 85         | 3          |           |
| 547 63            |       |       | •0           | - 1   | -4       | . 5    | • 2     |         |             |         |            |         |         |              | 7             |        |         |          | 97         | 97         | 20         |           |
| 2/ 61             |       | • 0   |              | . 2   | . 6      |        | . 2     |         | .0          |         |            |         |         |              |               | ]      |         |          | 130        | 130        |            | 1         |
| 50/ 59            |       | • 1   | •            | - 4   | 7        | .4     | . 3     |         | .0          |         |            |         |         |              |               |        |         |          | 185        | 185        | 41         |           |
| 58/ 57            | •0    |       |              |       | . 7      | .6     |         |         |             |         |            |         |         |              | _             |        |         | ļ        | 236        | 236        | 79         |           |
| 56/ 55<br>54/ 53  |       |       |              |       | . 6      | . 3    | • Z     |         |             |         |            |         |         |              |               | l      |         | 1        | 268        | 268        | [93        |           |
| 2/ 51             |       |       | 1.1          | 1.1   | .6       | . 2    | - 1     |         |             | ~       |            |         |         | ↓            | +             |        |         | ļ        | 318        | 318<br>490 | 265<br>363 | ,         |
| 50/ 49            | • 2   |       | 2.1          | 1.2   | . 6      | .3     | . 0     |         |             | İ       |            |         |         |              |               | ĺ      |         |          | 546        | 346        | 492        | 29        |
| 8/ 47             | : 4   | 3.8   |              |       | - : 3    | - 1    | ••      |         |             |         |            |         |         | ļ            | +-            |        |         | -        | 572        | 572        | 603        | 40        |
| 6/ 45             | 1.0   |       | 2.1          | 9     | . 4      | . 0    |         |         |             |         |            |         |         |              |               |        |         |          | 619        | 619        | 717        | 6         |
| 4/ 43             | 1.4   | 4.3   |              | .9    | . 4      | •0     | • 0     |         |             | ~       |            |         |         | +            | +             |        |         |          | 650        | 650        | 728        | 61        |
| 2/ 41             | 1.4   | 3.6   | 1.5          | . 6   | . 0      |        | _       |         |             |         |            |         |         |              |               |        |         |          | 518        | 518        | 679        | 7:        |
| 10/ 39            |       |       |              | . 4   | • 1      |        |         |         |             |         |            | _       |         | †            | $\dagger$     |        |         | <b></b>  | 479        | 479        | 576        | 60        |
| 38/ 37            | 1 • 2 |       |              | . 5   | • 0      |        |         |         | }           | 1       |            |         |         |              | -             | - 1    |         |          | 432        | 432        | 556        | 66        |
| 36/ 35            | 1.0   |       |              | . 3   | •0       |        |         |         |             |         |            |         |         |              | T             |        |         | Ì        | 391        | 391        | 456        | 5:        |
| 34/ 33            | 1.2   |       |              | • 1   | •0       |        |         |         |             |         |            |         |         |              |               |        |         |          | 332        | 332        | 390        | 46        |
| 2/ 31             | 1.0   |       |              | • 1   | •0       |        |         |         |             |         |            |         |         |              |               |        |         |          | 225        | 225        | 371        | 43        |
| 30/ 29            | 8     |       |              | • 0   |          |        |         |         |             | \       |            |         |         |              | $\perp$       |        |         | Ĺ        | 182        | 182        | 230        | 41        |
| 26/ 27<br>26/ 25  | • 6   |       |              | •0    |          |        |         |         | -           |         |            |         |         |              |               |        |         |          | 127        | 127        | 168        | 31        |
| 29/ 23            |       | .3    |              |       |          |        |         |         |             |         |            |         |         |              | +             |        |         | ļ        | 35         | 58<br>35   | 51         | 23        |
| 2/ 21             | • 1   | .2    |              |       |          | 1      |         |         |             | 1       | 1          |         |         |              |               |        |         |          | 22         | 22         | 34         | 13        |
| 20/ 17            | 0     |       |              |       |          |        |         |         |             |         |            |         |         | +            | +-            |        |         |          | 9          |            | 17         |           |
| 8/ 17             | • 1   |       |              |       |          |        |         |         |             |         |            |         |         |              |               |        |         |          | 8          | 8          | 10         | 3         |
| 0/ 15             | • 1   |       |              |       |          |        |         |         |             |         |            |         |         | <del> </del> | +             |        |         |          | 10         | 10         | 7          | - 3       |
| 4/ 13             | . 1   | _     | 1 1          |       | .        |        |         |         | 1           | ĺ       | ĺ          |         |         |              |               | 1      |         |          | 9          | 9          | 13         | i         |
| lement (X)        |       | Σχ²   |              |       | ž x      | Т,     | 7       | •,      | <del></del> | No. Obs | . 1        |         |         |              | _             | Mean N | o. of H | ours wit | h Temperat | ure        |            |           |
| el. Hum.          |       |       |              |       |          |        |         |         |             |         |            | ≤ 0 1   | F       | ≤ 32 F       | T             | ≥ 67   | F a     | 73 F     | ≥ 80 F     | 2 93 I     |            | Total     |
| ry Bulb           |       |       |              |       |          |        |         |         |             |         |            |         | $\Box$  |              | $\Box$        |        | $\Box$  |          |            |            |            |           |
| fet Bulb          |       |       |              |       |          |        |         |         |             |         |            |         |         |              | $\Box$        |        |         |          |            |            |            |           |
| ew Point          |       |       |              |       |          |        |         |         |             |         |            |         |         |              |               |        |         |          |            |            |            |           |

USAFETAC FOLM 0.26-5 (OL.A) REVISIO MEYOUS EDITIONS OF THIS FORM ARE OBSCILLE

7

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 6102                 | F            | RT :         | SMITH          | NWT                                              | TOU             | APT |          |        |       | 57-      | 66       |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | ARS        |           |               |          | S           | EP          |
|----------------------|--------------|--------------|----------------|--------------------------------------------------|-----------------|-----|----------|--------|-------|----------|----------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|-----------|---------------|----------|-------------|-------------|
| 5141104              |              |              |                | 31                                               | ATTON N         | AME |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 76.      | ANS        |           | PAG           | 2        |             | LL          |
| Temp.                | ,            |              |                |                                                  |                 | WET | BULB     | TEMPER | ATURE | DEPRI    | ESSION ( | F)  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | TOTAL         |          | TOTAL       |             |
| (F)                  | 0            | 1 - 2        | 3 - 4          | 5 - 6                                            | 7 - 8           |     |          |        |       |          |          |     | 23 - 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25 - 26  | 27 - 28 29 | - 30 * 31 |               | Dry Bulb |             | Dew Po      |
| 12/ 11               | . 0          |              | D              |                                                  |                 |     |          |        |       |          | <u> </u> |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | 3             | 3        | +           | 1           |
| 10/ 9                | 10           | Ĺ            | İ              |                                                  |                 |     |          |        |       |          | L        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            | i         | 2             | 2        | 2           | 1           |
| 8/ 7                 |              |              | ĺ              |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             |             |
| 6/ 5                 |              |              | 1              | ļ                                                |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | !        |            |           |               |          |             |             |
| 4/ 3                 |              | j            | ٠              |                                                  |                 | ٠   |          | ٠.     |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             |             |
| UTAL                 | 12.2         | 40.          | 721.1          | 11.4                                             | 0.8             | 4.0 | 2.3      | .9     | .4    | • 1      | • 1      |     | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L        |            |           | -             | 7200     |             | 720         |
|                      | İ            |              | i              |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | l i      |            | İ         | 7200          |          | 7200        |             |
|                      |              | ,            | ⊥              | ļ                                                |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             | <u> </u>    |
|                      | i            |              | F              |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | 1          | 1         |               |          |             |             |
|                      | -            |              | <del> </del>   | ļ .,                                             |                 |     |          |        |       |          | <u> </u> |     | <b></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | $\vdash$ |            |           |               |          |             |             |
|                      | 1            |              | i              |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            | 1         |               |          |             |             |
|                      | <del></del>  | -            | · <del> </del> |                                                  |                 |     |          |        |       |          | -        |     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |            |           | +             |          |             | <b>—</b>    |
|                      | į            | I<br>I       | 1              |                                                  | į               |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          | [           | i           |
|                      |              | <u> </u>     |                | <del>                                     </del> |                 |     | -        |        |       | ļ        |          |     | ļļ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |            | -+-       | +             |          |             | <del></del> |
|                      | 1            | 1            | 1              |                                                  |                 |     |          |        |       |          |          |     | i i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |            | - 1       | } }           |          | [ ]         |             |
|                      | ļ —          | •            |                |                                                  |                 |     |          |        |       | <u> </u> | ł        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            | -+-       | +             |          |             | r           |
|                      | İ            | į            |                |                                                  |                 |     |          |        |       |          | } ;      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             | i           |
|                      | <del> </del> | :            |                |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | + +           |          |             | <u> </u>    |
|                      | i            | i<br>L       |                |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | -          |           |               |          |             | 1           |
|                      |              | <u> </u>     |                | <del></del>                                      |                 |     |          |        |       |          | <u> </u> |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | +        |            | -         | + +           |          |             |             |
|                      |              |              |                |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | f        | ĺ          |           |               |          |             | 1           |
|                      | <del> </del> | ·            |                |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | <del>  </del> |          | <del></del> | ·           |
|                      |              | í<br>I       |                |                                                  |                 |     | 1        |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             | 1           |
|                      | ·            | <del> </del> |                |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | <del> </del>  |          |             |             |
|                      |              |              |                | i i                                              |                 |     | l        |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             | 1           |
|                      |              | ŀ            |                |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | 1             |          |             |             |
|                      | l            |              | İ              | l I                                              |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             | i           |
|                      |              |              | T              | i                                                |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             |             |
|                      |              | L            | 1              |                                                  |                 |     |          |        |       | L        | L i      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | 1 1           |          |             |             |
|                      |              |              | i              |                                                  |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             |             |
|                      | ļ :          | L            | 1              | L                                                |                 |     |          |        |       |          |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             |             |
|                      |              |              | 1              |                                                  |                 |     |          |        |       |          | 1        |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           |               |          |             |             |
|                      |              | <u> </u>     |                |                                                  |                 |     | <u> </u> | ليحد   |       |          |          |     | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |          |            |           |               |          |             |             |
| lement (X)           |              | 2 x'         | 5033           |                                                  | 5673            | 40  | 78.8     | 1 K 7  | - 2   | No. 01   |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |            |           | th Temperat   |          |             |             |
| el. Hum.             |              |              | 15033<br>19217 |                                                  | <del>3245</del> | 47  | 45.1     | 720/   | 7 3   | 73       | 00       | = 0 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32 F     | ≥ 67 F     | ₹ 73 F    | ≥ 80 F        | ≥ 93 I   | F   -       | Total       |
| ry Bulb<br>let Bulb  |              |              | 50562          |                                                  | 3009            | 49  | 41.8     | 7.7    | 7 1   | 73       | 00       |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | 16.2       | 3.        | 7 .7          | <b>-</b> |             | 72          |
| er Bulb<br>Dew Point |              |              | 27753          |                                                  | <del>2752</del> |     | 38.2     |        |       | 75       | 00       |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 78.5     |            | +         | <del> </del>  | <b>↓</b> |             | 72          |
| W FOINT              | <u> </u>     | * T O        | . , , , ,      | L                                                | 2176            | 37  | 200Z     | 0.5    | 7     | ٠ ٤      | UU       |     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | .0.3     |            | <u> </u>  |               |          |             | 72          |

USAFETAC FORM 0.26-5 (OLA) BEVIED MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **PSYCHROMETRIC SUMMARY**

| 102       | - 01 | CT 5          | MITH  |                                                  |                |                                                  |              |                                                  |         | 57-            | 00           |                                                  |         |                                                  |                                                  |          |            |             |                 | n C        |         |
|-----------|------|---------------|-------|--------------------------------------------------|----------------|--------------------------------------------------|--------------|--------------------------------------------------|---------|----------------|--------------|--------------------------------------------------|---------|--------------------------------------------------|--------------------------------------------------|----------|------------|-------------|-----------------|------------|---------|
| STAT.JN   |      |               |       | ST                                               | ATION N        | AME                                              |              |                                                  |         |                |              |                                                  |         | YE                                               | ARS                                              |          |            |             | _               | MON        |         |
|           |      |               |       |                                                  |                |                                                  |              |                                                  |         |                |              |                                                  |         |                                                  |                                                  |          |            | PAGE        | 1 .             | ΔŁ         |         |
|           |      |               |       |                                                  |                |                                                  |              |                                                  |         |                |              |                                                  |         |                                                  |                                                  |          |            |             |                 | HOURS IL.  | . s. t. |
| Temp.     |      |               |       |                                                  |                |                                                  |              | TEMPER                                           |         |                |              |                                                  |         | ,                                                |                                                  |          |            | TOTAL       | · <del></del> - | TOTAL      |         |
| (F)       | 0    | 1 - 2         | 3 - 4 | 5 - 6                                            | 7 - 8          | 9 - 10                                           | 11 - 12      |                                                  | 15 - 16 | 17 - 18        | 19 - 20      | 21 - 22                                          | 23 - 24 | 25 - 26                                          | 27 - 28                                          | 29 - 30  | <b>231</b> | D.B./W.B. D | ry Bulb         | Wet Bulb [ | Dew P   |
| 8/ 67     | i    |               | i     |                                                  |                |                                                  |              | • 1                                              |         |                | 1            |                                                  |         |                                                  |                                                  | i        |            | 4           | 4               |            |         |
| 6/ 65     | ;.   | 1             |       |                                                  |                | .0                                               |              |                                                  |         |                | L            |                                                  |         | <u> </u>                                         |                                                  |          |            | 6           | - 6             |            |         |
| 4/ 63     | i    | i             |       |                                                  | • 0            |                                                  |              |                                                  |         | 1              | 1            |                                                  |         | 1                                                |                                                  |          |            | 12          | 12              |            |         |
| 2/61      |      |               |       |                                                  |                | .1                                               |              |                                                  |         |                | Ĺ            |                                                  |         | <u> </u>                                         | $\vdash$                                         |          |            | 14          | 14              |            |         |
| 0/ 59     | - ;  | 1             | ļ     |                                                  | • 1            |                                                  |              |                                                  |         | 1              | ]            | ] ]                                              |         | ļ                                                | ļj                                               |          |            | 37          | 37              | 1          |         |
| 8/ 57     | i    |               |       | . 0                                              |                | . 2                                              | . 2          |                                                  |         | ļ              |              |                                                  |         |                                                  | 1                                                |          |            | 40          | 40              |            |         |
| 6/ 55     | 1    | i             | - 1   | • 1                                              | • 3            |                                                  |              |                                                  |         | 1              | ļ            |                                                  |         | ļ                                                | } }                                              | l        |            | 65          | 65              | 2          |         |
| 4/ 53     |      |               | ٠, 2  | . 2                                              |                |                                                  |              | 0                                                |         |                | L            |                                                  |         |                                                  |                                                  |          |            | 69          | 69              | 13         |         |
| 2/ 51     |      | • 0           |       | .6                                               | , 3            | , 2                                              |              |                                                  |         | ł              | ì            | 1                                                |         | }                                                | 1 1                                              | - 1      |            | 103         | 103             | 23         |         |
| 0/49      |      | • 2           | .5    |                                                  |                |                                                  |              |                                                  |         | <b></b>        |              |                                                  |         |                                                  |                                                  |          |            | 146         | 146             | 68         |         |
| 8/ 47     | • g  | • 3           | • 7   |                                                  |                |                                                  |              |                                                  |         | ĺ              | ĺ            | 1 1                                              |         | ĺ                                                | 1 1                                              | - 1      |            | 184         | 184             | 129        |         |
| 6/ 45     | • 1  | .5            |       |                                                  |                |                                                  |              | <u> </u>                                         |         | <u> </u>       | <u> </u>     |                                                  |         |                                                  |                                                  |          |            | 223         | 223             | 187        |         |
| 4/ 43     | • 3  | 1.0           | 1.4   | . 9                                              | • 2            |                                                  | 1            | 1 1                                              |         |                | 1            |                                                  |         |                                                  |                                                  | Ì        |            | 288<br>346  | 288<br>346      | 215        | 1       |
| 2/ 41     | • 3  | 1.9           |       |                                                  |                |                                                  | <u> </u>     | L                                                |         | ļ              |              | <b> </b>                                         |         |                                                  |                                                  |          |            | 430         | 430             | 316<br>435 | 11      |
| 0/ 39     | . 6  | 2.6           |       | . 5                                              |                | 3                                                | 1            | Ì                                                |         | 1              |              |                                                  |         |                                                  |                                                  |          |            | 435         | 435             | 495        | 20      |
| 8/ 37     | .8   | 3.1           | 1.7   |                                                  |                | 1                                                | <u> </u>     | <b> </b>                                         |         | ļ              | <u> </u>     | 1                                                |         |                                                  |                                                  |          |            | 538         |                 | 536        | 30      |
| 6/35      | 2.3  | 3.9           | 2.1   | •1                                               |                |                                                  |              |                                                  |         | İ              |              | l 1                                              |         | 1                                                |                                                  |          |            | 663         | 538             | 685        | 6       |
| 2/ 31     | 2.8  | 5.8           |       |                                                  |                | <u> </u>                                         | <b>├</b>     | Ĺ                                                |         | <b></b> -      | ļ            |                                                  |         |                                                  |                                                  |          |            | 707         | 707             | 782        | 7/      |
| 0/ 29     | 2.1  | 6.0           |       |                                                  |                | }                                                | }            |                                                  |         | }              | }            | j ]                                              |         | ]                                                | ) [                                              |          |            | 650         | 650             | 675        | 70      |
| 8/ 27     | 1.5  | 4.8           |       | • 0                                              |                | ļ                                                |              |                                                  |         | ├              | <del> </del> | <del>  </del>                                    |         |                                                  | <del>├</del> ──┼                                 |          |            | 515         | 515             | 600        | 6       |
| 6/ 25     | 1.8  | 4.5           |       |                                                  | ì              | 1                                                | ł            | 1                                                |         | }              | 1            | 1 1                                              |         | l                                                |                                                  |          | 1          | 487         | 487             | 360        | 6       |
| 4/ 23     | 1.4  | 3.5           |       |                                                  |                |                                                  | <del> </del> |                                                  |         | <del> </del> - |              |                                                  |         | <b>├</b>                                         | <del>  </del>                                    |          |            | 386         | 386             | 443        | -5:     |
| 2/ 21     | 1.7  | 2.1           |       |                                                  |                | 1                                                | (            |                                                  |         | 1              | 1            | 1 1                                              |         | l                                                | 1 1                                              |          |            | 291         | 291             | 383        | 4       |
| 0/ 19     | 1.2  | 1.9           |       |                                                  | <u> </u>       | +                                                | <del> </del> | <del> </del>                                     |         | <del> </del>   |              |                                                  |         |                                                  |                                                  |          | <u> </u>   | 229         | 229             | 232        | 4       |
| 8/ 17     | i.d  | 1.0           |       |                                                  |                |                                                  | 1            |                                                  |         | {              | {            | 1 1                                              |         | 1                                                | 1 1                                              |          |            | 151         | 151             | 204        | 3(      |
| 6/ 15     | - 9  | <del> 7</del> |       |                                                  |                | <del> </del>                                     |              | <del> </del>                                     |         | <del> </del>   | ├            |                                                  |         | <del> </del>                                     |                                                  | —        |            | 123         | 123             | 129        | 2       |
| 4/ 13     | . 7  | . 6           |       |                                                  |                |                                                  |              | İ                                                |         |                |              | 1                                                |         | 1                                                |                                                  |          |            | 97          | 97              | 102        | ī       |
| 2/ 11     | - 5  | -,3           |       | ļ ··—— -                                         | <del> </del>   | +                                                | <del> </del> | <del> </del>                                     |         | <del> </del>   |              | <del>  </del>                                    |         |                                                  | <del>                                     </del> |          |            | 64          | 64              | 73         | 1       |
| 0/ 9      | . 6  | . 1           | 1     |                                                  | [              |                                                  |              | İ                                                |         | Ì              |              |                                                  |         |                                                  |                                                  |          |            | 51          | 51              | 63         | - 1     |
| 8/ 7      | • 3  | •1            |       |                                                  | <del> </del>   | <del> </del>                                     | <del> </del> | <del> </del> -                                   |         | -              | <del> </del> | <del>   </del>                                   |         | <del>                                     </del> | <del>  </del>                                    |          |            | 25          | 25              | 26         | - 1     |
| 6/ 5      | . 2  | • 0           |       | l                                                | ]              | }                                                |              | 1                                                |         |                |              |                                                  |         |                                                  |                                                  |          |            | 19          | 19              | 21         |         |
| 47 3      | • 1  |               |       | ļ                                                | <del> </del> - | <del>                                     </del> | <del> </del> | <del>                                     </del> |         | <del> </del>   |              | <del>                                     </del> |         |                                                  |                                                  |          |            | To          | 10              | 11         | - 7     |
| 2/ 1      | . 1  |               |       |                                                  | 1              |                                                  | }            | 1                                                |         |                |              | ) )                                              |         |                                                  |                                                  |          |            | 7           | 7               | 7          | 2       |
| ement (X) |      | E x ?         |       | <del>                                     </del> | Σx             | Ή_                                               | X            | σ <sub>8</sub>                                   | ΉТ      | No. O          | s            |                                                  |         |                                                  | Mean N                                           | o. of Ho | ours wit   | h Temperatu | re .            |            |         |
| I. Hum.   |      | <u> </u>      |       | <del> </del>                                     |                |                                                  |              | T -                                              | _       |                |              | ± 0 ₽                                            | :   ;   | 32 F                                             | ≥ 67                                             | F .      | 73 F       | ≥ 80 F      | ≥ 93 F          | T          | otal    |
| y Bulb    |      |               |       | i                                                |                | _                                                |              | 1                                                | +       |                |              |                                                  | 1       |                                                  | 1                                                | $\neg$   |            | T           |                 |            |         |
| et Bulb   |      |               |       |                                                  |                |                                                  |              |                                                  |         |                |              |                                                  |         |                                                  | 1                                                | $\top$   |            | 1           | 1               |            |         |
| Point     |      |               |       | ·                                                |                | -+                                               |              | <del>                                     </del> |         |                |              |                                                  |         |                                                  | <del></del>                                      |          |            | 1           |                 |            |         |

USAFETAC FORM 0.26-5 (OL A) REVISEO MEVIOUS EDITIONS OF THIS FORM ARE DISCUERE

2

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| 6102        | ٤٥           | KT S       | MITH           | NWT                                              | UUT          | APT            | Ī                                                |                |              | 57-6                                             | 56      |                                                  |             |           |        |                |               |                | O.                                               | CT              |
|-------------|--------------|------------|----------------|--------------------------------------------------|--------------|----------------|--------------------------------------------------|----------------|--------------|--------------------------------------------------|---------|--------------------------------------------------|-------------|-----------|--------|----------------|---------------|----------------|--------------------------------------------------|-----------------|
| STATION     |              |            |                | s                                                | TATION N     | AME            |                                                  |                |              |                                                  | _       |                                                  |             | YEARS     |        |                | D 4 4         |                |                                                  | NTH             |
|             |              |            |                |                                                  |              |                |                                                  |                |              |                                                  |         |                                                  |             |           |        |                | PAG           | t 2            | HOURS (                                          | <b>L.</b> S. T. |
| Temp.       |              |            |                | ,                                                | ,            |                |                                                  |                |              | DEPRES                                           |         |                                                  |             |           |        |                | TOTAL         |                | TOTAL                                            |                 |
| (F)         | 0            | 1 - 2      | 3 - 4          | 5 - 6                                            | 7 - 8        | 9 - 10         | 11 - 12                                          | 13 - 14        | 15 - 16      | 17 - 18                                          | 19 - 20 | 21 - 22 2                                        | 3 - 24 25 - | 26 27 - 2 | 8 29 - | 30 ≥ 31        | D.B./W.B.     |                | Wet Bulb                                         |                 |
| 0/ -1       | • 1          |            | !              | 1                                                | İ            |                |                                                  | 1              |              |                                                  |         |                                                  | - 1         | 1         |        | 1              | 9             | 9              |                                                  |                 |
| -2/ -3      | - · 1<br>· 0 |            | · -            | ļ <u>-</u>                                       | <u> </u>     | <u> </u>       | 1                                                |                | <del></del>  |                                                  |         | <b>!</b>                                         |             |           |        |                | 8             | 8              |                                                  | 1               |
| -47 -51     |              |            | !              | i                                                | i            | l              |                                                  | i              |              | 1                                                |         | }                                                | 1           | - 1       | 1      | - 1            | 1 1           | 1              | ( :                                              | ! -             |
| -6/ -7      | • 0          | <b>!</b>   | •              | ļ                                                | ļ            | <del> </del> - | <b></b>                                          |                | ļ            | +                                                |         |                                                  |             |           | +      |                | - 3           | 3              | 3                                                | ļ               |
| 10/-11      |              | i          | i              | i                                                |              |                |                                                  |                |              |                                                  |         |                                                  |             | 1         |        |                |               | l              |                                                  | ĺ               |
| 12/-13      | .0           |            |                | ļ                                                | <del> </del> |                | <del> </del>                                     |                |              | <del>├</del>                                     |         | <b>├</b> ──                                      |             |           | -      |                | 2             | 2              |                                                  | <del> </del>    |
| 14/-15      | .0           |            | ì              |                                                  | 1            |                |                                                  | [              |              |                                                  |         | [ [                                              | - 1         | ľ         | 1      | Ì              | 1             | í              |                                                  | 1               |
| 18/-19      | .0           |            | <del></del>    | -                                                | -            | <del> </del>   | +                                                |                | <del> </del> | <del> </del>                                     |         |                                                  |             |           | ┿      |                | <del> i</del> | <del>- i</del> | 1                                                |                 |
| 22/-23      | • •          | ì          |                | l                                                |              |                |                                                  |                |              |                                                  |         |                                                  |             | İ         |        |                | •             | •              | 1                                                | 1               |
| TOTAL       | 23.0         | 20.3       | 15.2           | 6.2                                              | 3.1          | 1.3            | . 7                                              | . 3            | .0           | <del>,                                    </del> |         | <del>                                     </del> |             |           | +      | <del></del>    |               | 7440           | +                                                | 744             |
|             |              |            |                |                                                  |              |                | 1                                                | ••             | •            | 1 1                                              |         |                                                  |             |           |        |                | 7440          |                | 7440                                             |                 |
|             |              |            | ·              | <del>                                     </del> |              |                | <del>                                     </del> |                |              | 1                                                |         |                                                  |             |           | +-     | <del> </del> - | 1             |                |                                                  |                 |
| 1           |              |            | į              |                                                  |              | İ              | 1                                                |                | 1            |                                                  |         | 1 :                                              |             | 1         | 1      |                |               | i              |                                                  | 1               |
|             |              | i          |                | 1                                                | <u> </u>     |                | T                                                |                | 1            |                                                  | •       |                                                  |             |           | 1      |                |               | i              |                                                  |                 |
| i           |              | 1          | İ              | i                                                |              |                | }                                                | 1              | 1            | İ                                                |         |                                                  |             |           |        |                |               | ĺ              |                                                  |                 |
|             |              | :          | Ţ              |                                                  |              |                | i                                                |                |              |                                                  |         |                                                  |             |           |        |                | 1             |                |                                                  |                 |
| 4           |              |            |                |                                                  |              |                |                                                  |                |              |                                                  |         |                                                  |             |           |        |                | ,             |                |                                                  |                 |
|             |              | 1          | Ī              | 1                                                |              |                |                                                  |                |              |                                                  |         |                                                  |             |           |        |                |               |                |                                                  |                 |
|             |              | <u> </u>   | <u> </u>       | 1                                                | İ            |                |                                                  |                |              |                                                  |         |                                                  |             | j         | _      |                |               |                |                                                  |                 |
|             |              | Ī          |                |                                                  |              |                |                                                  |                |              |                                                  |         | i T                                              |             |           |        |                |               |                |                                                  |                 |
|             |              | <u> </u>   | ļ., <u>-</u> - | ļ                                                | <u> </u>     | <u> </u>       |                                                  |                | <u> </u>     |                                                  |         | LL                                               |             |           |        |                |               |                |                                                  |                 |
|             |              | İ          |                | 1                                                |              |                |                                                  | ļ              | ì            |                                                  |         |                                                  |             | -         |        |                |               | ĺ              |                                                  |                 |
| ·!          |              | ļ <u>.</u> | <u> </u>       |                                                  |              | ļ              | J                                                | ļ              | <u> </u>     | <u> </u>                                         |         | $\perp$                                          |             |           | 4      |                | ļ             | L              |                                                  | L               |
| 1           |              | :          |                | i                                                |              |                |                                                  |                |              | 1 1                                              |         | 1 1                                              |             |           |        |                |               | l              |                                                  |                 |
|             |              | <u> </u>   | <del></del>    |                                                  | ļ            | L              | <del> </del>                                     | <b> </b>       | -            | $\longrightarrow$                                |         |                                                  |             |           |        |                | <b>_</b>      |                | ļ                                                |                 |
|             |              |            |                |                                                  |              | 1              |                                                  | 1              |              |                                                  |         |                                                  |             |           |        |                |               |                |                                                  | 1               |
|             |              | -          | ļ              | +                                                |              | ļ              | <del> </del> -                                   |                | <del> </del> | $\longmapsto$                                    |         | $\vdash$                                         |             |           | -      |                | <del> </del>  | <u> </u>       | <del> </del>                                     | <u> </u>        |
| 1           |              | 1          | 1              |                                                  |              |                |                                                  |                |              |                                                  |         |                                                  | 1           | - 1       |        | -              |               |                | ] :                                              |                 |
|             |              | <u> </u>   | +              | <del> </del>                                     | <del> </del> |                | <del></del>                                      |                |              | <del>                                     </del> |         | <del> </del>                                     |             |           | +      | +              | +             | <del> </del>   | <del> </del>                                     | <del> </del>    |
|             |              |            |                |                                                  |              |                |                                                  |                |              |                                                  |         |                                                  |             |           |        |                |               |                |                                                  | 1               |
|             |              | -          | <del> </del>   |                                                  |              | ├              | +                                                | -              |              | ++                                               |         | <del> +</del>                                    |             |           | +-     | +-             | <del> </del>  | <del></del>    | <del>                                     </del> |                 |
| }           |              | 1          |                |                                                  |              |                |                                                  |                |              |                                                  |         |                                                  |             | -         | 1      | 1              |               | 1              |                                                  | 1               |
| Element (X) |              | Σχ²        |                |                                                  | Σχ           | <del>. T</del> | X .                                              | σ <sub>χ</sub> |              | No. Obs                                          | .       |                                                  |             | Mean      | No. of | Hours wi       | th Tempera    | ture           |                                                  |                 |
| Rel. Hum.   |              |            | 66664          |                                                  | 6089         | 28             | 81.4                                             | 12.7           | 48           | 744                                              |         | ≤ 0 F                                            | ≤ 32        |           | 57 F   | ≥ 73 F         | ≥ 80 F        | ≥ 93 1         | F                                                | Total           |
| Dry Bulb    |              |            | 75397          |                                                  | 2421         |                | 32.5                                             | 10.3           | 35           | 744                                              |         | 2.                                               | 5 383       | . 7       | . 4    |                |               |                |                                                  | 74              |
| Wat Bulb    |              |            | 0377           |                                                  | 2273         |                | 30.6                                             |                |              | 744                                              | •0      |                                                  | 5 433       |           | $\Box$ |                |               |                |                                                  | 74              |
| Dew Point   |              | 010        | 00298          | 1                                                | 2025         | 32             | 27.2                                             | 8.5            | 83           | 741                                              | •0 T    | ٠.                                               | 2 529       | . 7       |        |                |               | 1              |                                                  | 74              |

USAFETAC FORM 0.26-5 (DL A) REVISED MEYOUS EDITIONS OF THIS FORM ARE OLD LEFT

# PSYCHROMETRIC SUMMARY

| 102              | Føl       | KT SM | ITH   |              |              |              |              |                |              | 57=                                    | 66                                               |                                        |                                                  |             |                                        |         |              |              |          |          | NOV      |       |
|------------------|-----------|-------|-------|--------------|--------------|--------------|--------------|----------------|--------------|----------------------------------------|--------------------------------------------------|----------------------------------------|--------------------------------------------------|-------------|----------------------------------------|---------|--------------|--------------|----------|----------|----------|-------|
| STATION          |           |       |       | 51           | TATION NA    | ME           |              |                |              |                                        |                                                  |                                        |                                                  | Y           | EARS                                   |         |              | 0.40         | E 1      |          | MONTH    |       |
|                  |           |       |       |              |              |              |              |                |              |                                        |                                                  |                                        |                                                  |             |                                        |         |              | PAG          | 'E i     | HOUP     | 15 (L. 5 |       |
| <del></del>      |           |       |       |              |              | WET          | BILLB        | TEMPER         | ATURE        | DEPRE                                  | SSION (                                          | F)                                     |                                                  |             |                                        |         |              | TOTAL        | T        | TOTA     | AL       |       |
| Temp.<br>(F)     | 0         | 1 . 2 | 3 . 4 | 5 . 6        | 7 - 8        | 9 - 10       | 11 - 12      | 13 - 14        | 15 - 16      | 17 - 18                                | 19 - 20                                          | 21 - 22                                | 23 - 24                                          | 25 - 26     | 27 - 2                                 | 8 29 -  | 30 ≥ 31      | D.B. W.B     | Dry Bull | Wet B    | ulb De   | w Poi |
| 52/ 51           | - <u></u> |       |       |              |              | .0           | X            | 11             |              |                                        |                                                  |                                        |                                                  |             |                                        |         | ļ            | 1 3          | <b>'</b> | <b>3</b> |          |       |
| 5C/ 49:          | į         |       | 1     |              | .0           |              | l            |                |              |                                        |                                                  | i                                      |                                                  | L           | <u> </u>                               |         |              | 2            | -        | 2        | -        |       |
| 487 47           |           |       |       |              | .0           |              | Г            |                |              | 1                                      | ]                                                |                                        |                                                  | 1           |                                        |         |              | 1 4          |          | 3        |          |       |
| 46/ 45           |           |       |       |              | 0            |              | <u> </u>     |                |              | <u> </u>                               |                                                  |                                        |                                                  | Ļ           | <b>↓</b>                               | +-      |              |              | 1        | 6        |          |       |
| 447 43           |           |       |       | . 1          |              |              |              | i l            |              | į                                      | 1                                                |                                        |                                                  |             |                                        | 1       |              | 20           | 1        |          | 6        |       |
| 42/ 41           | • 0       |       | 1     | • 1          | 1            |              |              |                |              | <del> </del>                           |                                                  |                                        |                                                  | ₩           | +                                      | +       |              | + - <u>2</u> |          |          | 75       |       |
| 407 39<br>38/ 37 | • 0       | .0    | . 4   | • 1          | 1            |              | ĺ            | 1 1            |              |                                        | ſ                                                | {                                      |                                                  | 1           |                                        |         |              | 43           | 3 4      | 3        | 16       |       |
| 3° / 35          |           | .2    | .3    |              | 1            |              | <del> </del> | <del> </del> - |              | <del> </del>                           | <del> </del>                                     | -                                      | <del> </del>                                     | +           | +-                                     | +-      | _            | 31           | 3        | 8        | 38       |       |
| 34/ 33           | - 0       | 1.1   | . 3   | • •          | 1            |              | l            | 1              |              | 1                                      | 1                                                | }                                      | Ì                                                |             | 1                                      | ł       |              | 103          |          | ▼        | 65       | 1     |
| 32/ 31           |           | 1.7   | . 2   |              | <del> </del> |              |              | +              |              | <del> </del>                           | <del>                                     </del> | -                                      |                                                  | 1           | 1                                      | 1       | 1            | 166          |          |          | 70       | 7     |
| 30/ 29           |           | 2.0   | . 1   |              | 1            |              | į            |                | ,            | 1                                      | ļ                                                | ļ                                      | ļ                                                | 1           | ] _                                    |         |              | 223          |          | - (      | 26       | 16    |
| 28/ 27           | 1.3       | 3.0   | •1    |              |              |              |              | 1              |              | †                                      |                                                  |                                        |                                                  |             |                                        |         |              | 32           |          | -        | 79       | 24    |
| 26/ 25           | 1.8       | 3.6   |       |              | 1            |              |              |                |              | l                                      |                                                  |                                        |                                                  | <u> </u>    |                                        |         |              | 36           | .   -    |          | 94<br>81 | 26    |
| 24/ 23           | 1.8       | 3.1   | -0    |              |              |              | 1            |                |              | [                                      | 1                                                | (                                      | (                                                | {           | 1                                      | 1       | (            | 349          |          | (        | 53       | 37    |
| 22/ 21           | 2.0       |       | • 0   |              | 1            | <u></u>      | <u></u>      | <u></u>        |              |                                        |                                                  |                                        |                                                  | ↓           | -                                      | -       |              | 36           |          | ~ I      | 80       | 28    |
| 50/ 19           | 2.4       |       |       |              | }            |              |              | }              |              |                                        |                                                  |                                        | 1                                                | 1           | 1                                      | }       | ł            | 25           |          |          | 86       | 33    |
| 18/ 17           | 1.7       |       |       |              | \            | ļ            | <b> </b>     | ļ              |              | -                                      | ļ                                                | ļ                                      |                                                  | <del></del> | <del>-</del>                           | -       |              | 29           | 1 -      |          | 97       | 29    |
| 167 13           | Z.3       |       |       | ļ            |              |              | 1            | 1              |              | Į                                      | 1                                                | l                                      |                                                  | 1           |                                        |         |              | 36           |          |          | 42       | 26    |
| 14/ 13           | 2.8       |       |       |              | ļ            | ļ            | <b>_</b>     | <del> </del>   | ļ            | <b>↓</b>                               | ├                                                | <b>├</b> -                             | -                                                | +           | -{                                     |         |              | 36           |          |          | 73       | 30    |
| 12/ 11           |           | 2.1   |       |              | i            |              | 1            | 1              | 1            |                                        | 1                                                | <b>\</b>                               | 1                                                | 1           | 1                                      | 1       | ļ            | 31           | 3 31     | 3 3      | 33       | 33    |
| 10/ 9            | 3.2       |       |       |              |              | <u> </u>     | <del> </del> | +              | ļ            | <del> </del> -                         |                                                  |                                        | <del> </del>                                     | +-          | +                                      |         |              | 270          | 5 27     | 6 2      | 91       | 30    |
| 6/ 5             | 2.7       | . 8   |       | 1            |              |              |              |                |              | -                                      | 1                                                | 1                                      | 1                                                | Ì           | 1                                      |         |              | 25           | 3 25     |          | 46       | 32    |
| 47 3             | 2.8       | , ,   |       | <del> </del> |              | <del> </del> |              |                | <del> </del> | <del> </del>                           | <del> </del>                                     | +                                      | <del>                                     </del> | +           | <del> </del>                           |         |              | 27           |          |          | 63       | 26    |
| 2/ 1             | 2.8       |       |       |              | İ            |              | İ            | 1              |              |                                        | 1                                                |                                        | ľ                                                | 1           |                                        |         | 7            | 25           |          |          | 67       | 2 5   |
| 0/ -1            | 3.3       | L     |       |              | <del> </del> |              | +            | +              |              |                                        | †                                                |                                        | <b></b>                                          |             |                                        |         |              | 28           |          | -        | 93       | 22    |
| -2/ -3           | 2.8       | [     |       | {            | 1            |              | 1            | 1              | {            | 1                                      | 1                                                | 1                                      | {                                                | 1 _         |                                        | 1_      |              | 24           |          |          | 40       | 24    |
| -4/ -5           | 2.        | 1     |       | +            | †            |              | <del></del>  |                |              | 1                                      | 1                                                |                                        | T                                                | T           |                                        |         |              | 23           | . 1      | - I      | 31       | 26    |
| -6/ -7           | 1.9       | . 5   |       | į            |              |              |              |                |              | $\perp$                                |                                                  |                                        |                                                  |             |                                        |         |              | 16           |          |          | 82       | 2!    |
| -8/ -9           | 2.1       |       |       |              |              |              |              |                |              |                                        |                                                  |                                        | \                                                |             |                                        |         | 1            | 18           | - 1 -    | -1 -     | 57       | î     |
| 10/-11           | 1.9       |       |       | 1            |              |              | <b>⊥</b>     |                |              |                                        | .                                                | —                                      | 1                                                |             | —                                      | _       |              | 15           |          | .*1 =    | 43       | Ţ     |
| 12/-13           | 1.8       |       |       | ]            |              |              | [ _          | 1              | ĺ            |                                        |                                                  |                                        |                                                  |             | 1                                      | 1       | 1            | 14           |          | 1        | 48       | Î4    |
| 14/-15           | 1.8       |       |       |              |              |              |              |                | <del></del>  | ــــــــــــــــــــــــــــــــــــــ | <u> </u>                                         | ــــــــــــــــــــــــــــــــــــــ | ┸                                                | ┸—          | ــــــــــــــــــــــــــــــــــــــ |         | ( )          | vith Temper  |          |          | 4"       |       |
| Element (X)      |           | Σχ'   |       |              | žχ           |              | <u> </u>     | •,             | <u> </u>     | No. C                                  | bs.                                              |                                        | - T                                              | ≤ 32 F      |                                        | n No. 6 | z 73 F       |              |          | 3 F      | To       | tal.  |
| Rel. Hum.        |           |       |       |              |              | $-\vdash$    |              |                | $\dashv$     |                                        |                                                  | ≤ 0                                    | -+                                               | = 32 F      | - <del>-</del> -                       | 0/ F    | - /3 -       | - 30 1       | 1.7      | +        |          |       |
| Dry Bulb         |           |       |       | <b>-</b>     |              | -+           |              | -}             | <del></del>  |                                        |                                                  |                                        | -+                                               |             | +                                      |         | <del> </del> |              |          | -        |          |       |
| We' Bulb         |           |       |       | <del> </del> |              |              |              |                |              |                                        |                                                  |                                        |                                                  |             | +                                      |         |              | -            |          | +        |          |       |
| Dew Paint        |           |       |       | I            |              |              |              |                |              |                                        |                                                  |                                        |                                                  |             |                                        |         |              |              |          |          |          |       |

USAFETAC FORM 0.26-5 (OL.A) BEVISED MENOUS EDITIONS OF THIS FORM ARE ORDORERS

# **PSYCHROMETRIC SUMMARY**

| 6102           |      | _ <del>``</del>  |                                        | NWT<br>S1 | TATION N        | AME .  |                |                                                  |         | 57-                                              |         |                                                  |         | YE                                               | ARS      |         |              |              |              |                                                  | DV<br>NTH       |
|----------------|------|------------------|----------------------------------------|-----------|-----------------|--------|----------------|--------------------------------------------------|---------|--------------------------------------------------|---------|--------------------------------------------------|---------|--------------------------------------------------|----------|---------|--------------|--------------|--------------|--------------------------------------------------|-----------------|
|                |      |                  |                                        |           |                 |        |                |                                                  |         |                                                  |         |                                                  |         |                                                  |          |         |              | PAG          | F 2          | HOURS (                                          | L.L.            |
| Temp.          |      |                  |                                        |           |                 |        |                | TEMPER.                                          |         |                                                  |         |                                                  |         |                                                  |          |         |              | TOTAL        |              | TOTAL                                            |                 |
| (F)            | 0    | 1 - 2            |                                        | 5 - 6     | 7 - 8           | 9 - 10 | 11 - 12        | 13 - 14                                          | 15 - 16 | 17 - 18                                          | 19 - 20 | 21 - 22                                          | 23 - 24 | 25 - 26                                          | 27 - 28  | 29 - 30 | ≥ 31         | D.B./W.B.    |              |                                                  |                 |
| 16/-17         | 1.4  |                  |                                        |           | İ               |        |                |                                                  |         |                                                  |         |                                                  |         |                                                  |          |         |              | 108          | 108          |                                                  |                 |
| 18/-19         | 1.1  |                  |                                        |           |                 |        | ļ              |                                                  |         | 11                                               |         |                                                  |         |                                                  |          |         |              | 85           | 85           |                                                  |                 |
| 20/-21         | 1.0  |                  |                                        | ĺ         |                 |        | İ              | 1 1                                              |         | 1 1                                              |         | 1                                                |         | 1 1                                              |          |         |              | 77           | 77           | 78                                               |                 |
| 22/-23         | - 9  | .0               |                                        |           | ļ               |        | ļ              |                                                  |         |                                                  |         |                                                  |         | <u> </u>                                         |          |         |              | 65           | 65           |                                                  |                 |
| 24/-25         | 1.0  |                  |                                        |           |                 |        |                |                                                  |         |                                                  |         | 1                                                |         |                                                  | 1        |         |              | 73           | 73           |                                                  | 1               |
| 26/-27         | - 8  |                  |                                        |           | ļ               |        | ļ              |                                                  |         |                                                  |         | L                                                |         | <del>                                     </del> |          |         |              | 56           | 56           |                                                  |                 |
| 30/-31         | . 3  |                  |                                        |           |                 |        |                |                                                  |         |                                                  |         | 1                                                |         |                                                  |          |         |              | 35           | 35           |                                                  |                 |
| 32/-33         | .2   |                  | <u> </u>                               |           |                 |        | <del> </del>   | <del> </del>                                     |         | <del>  </del>                                    |         | <b>├</b>                                         |         | <del>  </del>                                    |          |         |              | 22           | 22           |                                                  |                 |
| 34/-35         | . 2  |                  |                                        |           |                 |        |                | [ [                                              |         | 1 1                                              |         | [ [                                              |         | 1 1                                              | 1        |         |              | 16           | 15<br>22     |                                                  |                 |
| 36/-37         | • 4  |                  |                                        |           |                 |        | -              |                                                  |         |                                                  |         | 1                                                |         | <del>   </del>                                   |          |         |              | 10           | 14           |                                                  | - :             |
| 38/-39         |      |                  | i .                                    |           |                 |        | ]              | j                                                |         | ] [                                              |         | j ĺ                                              |         |                                                  | 1        |         |              |              | 14           | [                                                |                 |
| 40/-41         |      |                  |                                        |           |                 |        | <del> </del>   |                                                  |         | <del> </del>                                     |         | <del>                                     </del> |         | +                                                |          |         |              | <del> </del> | - 2          | <del></del>                                      | -               |
| 42/-43         |      |                  | ;<br>1                                 |           |                 |        |                |                                                  |         |                                                  |         |                                                  |         |                                                  |          |         |              |              |              |                                                  |                 |
| 44/-45         |      |                  |                                        |           |                 |        | <del> </del>   | <del>                                     </del> |         | <del>  </del>                                    |         |                                                  |         |                                                  |          |         | <del> </del> | <del>}</del> | }            | <del>                                     </del> | -               |
| DTAL           | 50.6 | 37.1             | 1.6                                    | .5        | .1              |        | <b>x</b>       |                                                  |         |                                                  |         |                                                  |         | 1 1                                              |          |         |              |              | 7200         |                                                  | 71              |
|                |      | L.,              |                                        |           |                 |        | 1              | 1                                                |         |                                                  |         | +                                                |         |                                                  |          |         |              | 7172         |              | 7172                                             | <u> </u>        |
| !              |      |                  | <br>                                   |           | 1               |        | ļ              |                                                  |         | 1 1                                              |         | }                                                |         |                                                  |          |         |              |              |              |                                                  |                 |
|                |      |                  |                                        |           |                 |        | 1              |                                                  |         |                                                  |         |                                                  |         |                                                  |          |         |              |              |              |                                                  |                 |
|                |      |                  |                                        |           |                 |        |                |                                                  |         | i l                                              |         |                                                  |         |                                                  | l i      |         |              |              |              | 1                                                |                 |
| · · · <i>,</i> |      |                  |                                        |           |                 |        |                |                                                  |         | 1                                                |         |                                                  |         |                                                  |          |         |              |              |              |                                                  |                 |
|                |      |                  | 1                                      | :         |                 |        |                | Li                                               |         | 1                                                |         |                                                  |         |                                                  |          |         |              |              |              | ]                                                |                 |
|                |      |                  |                                        |           |                 |        |                |                                                  |         |                                                  |         |                                                  |         |                                                  |          |         |              | 1            |              |                                                  |                 |
|                |      |                  | •                                      | L         | Í               |        | 1              |                                                  |         |                                                  |         |                                                  | ~       | 1                                                |          |         |              | L            |              |                                                  |                 |
|                |      |                  |                                        |           |                 | ļ      |                | ļ "Ţ                                             |         | 1                                                |         |                                                  |         | i                                                |          |         |              |              |              |                                                  |                 |
|                |      |                  |                                        | ļ         | <br>            | L      |                | L                                                |         |                                                  |         | <b></b>                                          |         |                                                  |          |         |              | <u> </u>     |              |                                                  | L               |
|                |      |                  | i                                      | !         |                 |        |                |                                                  |         |                                                  |         | [ [                                              |         | 1                                                |          |         |              | 1            |              | 1 !                                              | 1               |
|                |      |                  | ·                                      | ļ         | ļ               |        | ļ              | <b> </b>                                         |         | <b> </b>                                         |         | 1                                                |         | $\vdash$                                         |          |         |              | -            |              | ļ                                                | !<br>! •        |
|                |      |                  | į.                                     |           |                 |        | ļ              | ) )                                              |         | j j                                              |         | ]                                                |         | }                                                |          |         |              | j            |              |                                                  | į               |
| ,              |      |                  | ·                                      | ļ         |                 |        | <del> </del>   | <del> i</del>                                    |         | <del>                                     </del> |         | <del>                                     </del> |         | <del>  </del>                                    |          |         | ļ            | <del> </del> |              | <u> </u>                                         | -               |
|                |      |                  | i<br>•                                 |           |                 |        |                |                                                  |         |                                                  |         |                                                  |         |                                                  |          |         |              |              |              |                                                  |                 |
|                |      |                  |                                        | <u> </u>  |                 |        | <del> </del>   | <b>├</b>                                         |         | <del>                                     </del> |         | <del> </del>                                     |         | $\vdash$                                         | <u> </u> |         |              |              |              | <del> </del>                                     |                 |
|                |      |                  | I<br>:                                 |           |                 |        |                | ] ]                                              |         | ) Í                                              |         |                                                  |         | 1                                                |          |         |              |              |              |                                                  |                 |
| Element (X)    |      | Σ <sub>χ</sub> , | ــــــــــــــــــــــــــــــــــــــ |           | ZX              |        | <del>i</del> x |                                                  | _       | No. Ob                                           | •. 1    |                                                  |         | Щ                                                | Mean     | lo of M | w:•          | h Tempera    |              |                                                  |                 |
| Re! Hum.       |      |                  | 5394                                   |           | <del>2824</del> | 08     |                | 8.3                                              | 54      | 71                                               |         | ± 0 F                                            |         | : 32 F                                           | mean F   |         | 73 F         | > 80 F       | vure<br>93 1 | F .                                              | Total           |
| Dr. Bulb       |      |                  | 2652                                   |           | 650             |        |                | 15.9                                             |         | 72                                               |         |                                                  |         | 95.6                                             | - 07     | -   -   |              | - 60 7       | 1 73         |                                                  | 7               |
| Wer Bulb       |      |                  | 3865                                   |           | 624             |        |                | 15.3                                             |         | 71                                               |         |                                                  |         | 06.6                                             |          | _+      |              | <del> </del> | +            | <del></del> -                                    | <del>- 'j</del> |
| Dew Point      |      |                  | 4555                                   |           | 329             |        |                | 16.6                                             |         | <del>7</del> i                                   |         |                                                  |         | 17.9                                             |          |         |              | <b></b>      | <del></del>  | -+-                                              | <del>_</del> ;  |

USAFETAC NEW 0.26.5 N. AL

DATA PRINCESSING DIVISION USAF ETAC AIR PEATMER SERVICE/MAC

FORT SMITH NWT DOT APT

## **PSYCHROMETRIC SUMMARY**

DEC

| STATION                      |      |            |                | STATION  | NAME           |                                                  |               |         |         |           |        |               | VE      | ARS     |                                                   |                                                  |              |              |            | NTH      |
|------------------------------|------|------------|----------------|----------|----------------|--------------------------------------------------|---------------|---------|---------|-----------|--------|---------------|---------|---------|---------------------------------------------------|--------------------------------------------------|--------------|--------------|------------|----------|
| • •                          |      |            |                | 37777011 |                |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | PAGE         | 1            |            | LL       |
|                              |      |            |                | _        |                |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | •            |              | HOURS      | L. S. T. |
| Temp.                        |      |            |                |          |                |                                                  |               |         |         | SSION (F) |        |               |         |         |                                                   |                                                  | TOTAL        |              | TOTAL      |          |
| (F)                          | 0 1  | - 2 3      |                | 6 7 - 8  | 9 - 10         | 11 - 12                                          | 13 - 14       | 15 - 16 | 17 - 18 | 19 - 20 2 | - 22 2 | 3 - 24        | 25 - 26 | 27 - 28 | 29 - 30                                           | ≥ 31                                             | D.B. W.B.    | Dry Bulb     | Wet Bulb   | Dew Po   |
| 36/ 35                       | 1    | . <u>1</u> | ∎ tji          | !        |                |                                                  |               |         |         |           |        |               |         |         |                                                   | i                                                | . 7          | . 7          |            |          |
| 34/ 33:<br><del>32/ 31</del> |      | - 2        | • 0            |          | <u> </u>       | -                                                |               |         |         |           | i_     |               |         |         |                                                   |                                                  | 12           | 12           |            | Ī        |
| 30/ 29                       | • 1  | . 2        | • 0            |          |                |                                                  |               |         |         |           |        | - 1           |         |         |                                                   |                                                  | 14           | 14           |            |          |
| 28/ 27                       | • 0  | .3         | • 1            |          | ļ              | ļ                                                |               |         | L       |           |        | $-\bot$       |         |         |                                                   | <u> </u>                                         |              | 22           |            |          |
| 26/ 25:                      | .1   | . 4        | • 0            |          |                | !                                                |               |         |         | 1         |        |               |         |         |                                                   |                                                  | 25           | 25           |            |          |
| 24/ 23                       |      |            | ·* 4           | _        | <del></del> -  | ļ                                                |               |         |         |           |        |               |         |         |                                                   | <u> </u>                                         |              | 38           |            |          |
| 22/ 21                       | . 2  | . 9        | -              | İ        | 1              |                                                  |               |         |         | ŀ         | 1      |               |         |         |                                                   |                                                  | 65<br>75     | 65<br>75     | 58<br>75   | _        |
| 20/ 19                       | - :7 | - 9        | +-             | <u> </u> |                |                                                  |               |         |         |           |        | -             |         |         |                                                   |                                                  | 118          | 118          | 114        |          |
| 18/ 17                       | 1.3  | 9          | -              |          |                | ļ                                                |               |         |         |           | - !    |               |         |         |                                                   |                                                  | 163          | 163          | 168        |          |
| 16/ 15                       |      | 1.0        |                |          | +-             | <del> </del> -                                   |               |         | -       |           |        |               |         |         |                                                   |                                                  | 500          | 200          |            |          |
| 14/ 13                       |      | 1.1        |                | 1        | 1              | -                                                |               |         |         |           |        |               |         |         |                                                   | 1                                                | 231          | 231          | 240        |          |
| 17/ 11                       |      | 1.0        |                |          | <del> </del>   |                                                  |               |         |         |           | -+-    |               |         |         |                                                   | -                                                | 241          | 241          | 232        |          |
| 10/ 9                        |      | 1.2        | 1              | İ        |                |                                                  | i i           |         |         |           | - 1    |               |         | i       |                                                   |                                                  | 404          | 404          | 403        |          |
| 8/ 7                         |      | 1.0        |                |          | 1              | ·                                                | 1             |         |         |           |        | -+            |         |         |                                                   | +                                                | 354          | 354          |            | -        |
| 6/ 5                         | 4.9  | . 9        |                |          | 1              |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | 417          | 417          | 419        |          |
| 4/ 3                         | 4.4  | . 9        |                |          | +              |                                                  |               |         |         |           | -+     | +             |         |         |                                                   | 1                                                | 380          | 380          | 380        |          |
| 2/ 1                         | 2.9  | , 9        | İ              |          |                |                                                  |               |         | İ       | -         | - 1    |               |         |         |                                                   | i .                                              | 275          | 275          | 273        |          |
| 07 -I                        |      | 1.0        | _   -          |          |                |                                                  |               |         |         |           |        |               |         |         |                                                   | <del>                                     </del> | 278          | 278          | 289        |          |
| -2/ -3                       | 2.9  | . 9        |                | - (      |                | Į l                                              | ll            |         |         | ļ         | - 1    | ļ             |         |         |                                                   |                                                  | 268          | 268          | 277        |          |
| -47 -5                       | 3.5  | . 9        | :              |          |                |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | 312          | 312          | 317        |          |
| -6/ -7                       | 3.0  | . 6        | i              |          |                |                                                  |               |         |         |           |        |               |         |         |                                                   | l                                                | 260          | 260          |            |          |
| -8/ -9                       | 3.0  | , 5        | 1              |          |                |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | 256          | 256          | 247        | 23       |
| 10/-11                       | 3.3  | , 9        |                | _        | ļ              | L                                                |               |         |         |           |        |               |         |         |                                                   |                                                  | 303          | 303          | 290        |          |
| 12/-13                       | 3.5  | , 6        |                | i        |                |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | 295          | 295          | 310        |          |
| 14/=15                       | 3.8  | , 8        |                |          | ļ              |                                                  |               |         |         |           |        |               |         |         |                                                   | <u> </u>                                         | 329          | 329          | 324        |          |
| 18/-17                       | 3.4  | . 5        |                | ŀ        | 1              | 1                                                |               |         |         | 1         |        |               |         |         |                                                   | İ                                                | 265          | 265          | 274        |          |
| 20/-21                       | 3.2  | ž          | ļ<br>          |          | +              |                                                  | <del>  </del> |         |         |           |        |               |         |         |                                                   | <b>├</b>                                         | 269          | 269          | 274        |          |
| 22/-23                       | 2.6  | . 1        |                | ĺ        | 1              |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | 248          | 248          | 253<br>204 | 1 .      |
| 24/-25                       | 2.8  | -1         |                |          | -              |                                                  |               |         |         |           |        |               |         |         |                                                   | ├─-                                              | 208          | 200          |            |          |
| 26/-27                       | 2.8  | .0         |                |          | 1              |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | 201          | 201          | 202        |          |
| 28/-29                       | 2.4  | 1          | - <del> </del> |          | +              | <del>                                     </del> | <del> </del>  |         |         | _         | -+     | $\rightarrow$ |         |         |                                                   | -                                                | 179          | 180          |            |          |
| 30/-31                       | 1.7  | .0         | ĺ              | -        |                |                                                  |               |         |         | 1         |        |               |         |         |                                                   |                                                  | 123          | 123          | 124        | 24       |
| lement (X)                   |      | K 2        | _              | ΣX       | <del>'</del> — | X                                                |               |         | No. Ob  | ı.        |        |               |         | Mean N  | lo. of H                                          | ours wit                                         | h Temperatu  |              | ***        | _ ~      |
| lel. Hum.                    |      |            |                |          |                |                                                  |               |         |         |           | ± 0 F  | 4             | 32 F    | ≥ 67    |                                                   | 73 F                                             | ≥ 80 F       | e 93 I       | F          | Total    |
| Dry Bulb                     |      |            |                |          |                |                                                  |               | _       |         |           |        | +-            |         |         | <del>-                                     </del> |                                                  |              |              |            |          |
| Wet Bulb                     |      |            |                |          |                |                                                  |               | $\top$  |         |           |        | <del> </del>  |         |         |                                                   |                                                  | !            | <b>†</b>     | +-         |          |
| Dew Paint                    |      |            | — †            |          |                |                                                  |               |         |         |           |        |               |         |         |                                                   |                                                  | <del> </del> | <del> </del> | +          |          |

57=66

USAFETAC FORM 0.26-5 (OL A) TEVISED MEVIOUS EDITIONS OF THIS FORM ARE ORGOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FURT SMITH NET DOT APT

STATION NAME

#### **PSYCHROMETRIC SUMMARY**

DEC

PAGE 2 ALL WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point -32/-33 -34/-35 -36/-37 -38/-39 -40/-41 -42/-43 1.1 81 216 81 81 182 135 <u>• 8</u> 60 82 96 55 81 43 45 19 16 13 -46/-47 -48/-49 2 1 -50/-51 -52/-53 TUTAL 79.520.3 .2 7440 7175 7176 7176

57-66

0.26.5 (OL A) 10Em

Dry Bulb

Wet Buib

76.8 8.852 -3.315.927 -4.314.678 -9.616.016

No. Obs.

7172 7440 7176

7175

10F 132F 439.9 742.1 431.8 743.1 502.9 743.4

Mean No. of Hours with Temperature

≥ 93 F

Total

744

744

744

≥ 67 F ≥ 73 F ≥ 80 F

551098 -39664 -30980

-68625

42908332

2496467

2098542 1679588

# **PSYCHROMETRIC SUMMARY**

| Temp. (F) 42/41       |         |           |             |            |              |              |             |              |              |              |                   |                                                  |              |                                                  |             |             |          |            |      |
|-----------------------|---------|-----------|-------------|------------|--------------|--------------|-------------|--------------|--------------|--------------|-------------------|--------------------------------------------------|--------------|--------------------------------------------------|-------------|-------------|----------|------------|------|
| (F)                   |         |           |             |            |              |              |             |              |              |              |                   |                                                  |              |                                                  |             | PAGE        | 1        | 0000-      |      |
|                       |         |           |             |            |              | LB TEMPE     |             |              |              |              |                   |                                                  |              |                                                  |             | TOTAL       |          | TOTAL      |      |
| 42/ 41                | 0       | 1 . 2 3 . | 4 5 6       | t we write | 9 - 10 11 -  | 12 13 - 1    | 4 15 - 16   | 17 - 18      | 19 - 20      | 21 - 22      | 23 - 24           | 25 - 26                                          | 27 - 28      | 29 - 30                                          | 0 - 31      | D.B. W.B.   | ry Bulb  | Wet Bulb [ | ew P |
|                       |         |           |             | • 3        |              | 1            | l           |              |              | , i          |                   | ì                                                |              |                                                  | 1           | 2           | 2        |            |      |
| 36/ 35<br>34/ 33      |         | . 4       |             | 1          |              | i            |             |              | <del> </del> |              |                   | ļ                                                | -            | ļ                                                | ļ           | 1 3         | 1        | 1 2        |      |
| 32/31                 |         | • •       |             | 1          | 1            | ]            | į           | İ            |              | l l          |                   | 1                                                |              |                                                  | Ì           | 7           | 9        | 2          |      |
| 30/ 29                | ·       | . 3       | :           | !          |              | <del>-</del> | <del></del> |              | <del> </del> |              |                   |                                                  |              |                                                  | +           | 2           | 2        | 4          |      |
| 28/ 27                |         | .3        | 1           |            | 1            | [            | 1           |              | ĺ            | 1 !          |                   | 1                                                | ĺ            | ĺ                                                | ļ           | 2           | 2        | 3          |      |
| 267 25                |         |           |             | 1 1        |              |              | <del></del> | <del> </del> |              | <del> </del> | - · - · - · - · - | <del></del>                                      |              |                                                  | <del></del> | 1           | 1        | 2          |      |
| 24/ 23                | . 3     | . 3       |             |            | İ            |              |             | 1            |              | ! !          |                   |                                                  |              |                                                  | 1           | 4           | 4:       | 2          |      |
| 22/ 21                | • 1     | . 5       | <del></del> | ++         |              |              | +           | <del> </del> |              | 1            |                   | <del>                                     </del> | <del> </del> |                                                  | +           | 5           | 5        | 5          |      |
| 20/ 19                | . 3     | . 3       | i           | 1          |              | - 1          |             |              | 1            | 1 1          |                   | 1                                                |              |                                                  |             | 4           | 4        | 6          |      |
| 18/ 17                | • 3     | . 4       |             | +          | <del></del>  |              |             | 1            | i            | 1            |                   | <del>-</del>                                     |              |                                                  |             | 5           | 5        | - 5        |      |
| 16/ 15                | . 3.    | • 1       | i           |            |              |              |             |              |              | ( (          |                   | 1                                                |              |                                                  |             | 3           | 3        | 2          |      |
| 14/ 13                | .4      | . 3       |             |            |              |              | 1           |              |              |              |                   | 1                                                |              |                                                  |             | 5           | 5        | 5          |      |
| 12/ 11                | 1 4     | . 5       | į           | 1 1        |              |              |             | İ            |              |              |                   | }                                                |              |                                                  |             | 15          | 1.5      | 14         |      |
| 107 - 9.              | • 9     | • 3       | · ·         | T          |              |              | 7           |              |              |              |                   |                                                  |              | Ī                                                |             | 9           | 9        | 10         |      |
| 8/ 7                  | 1 × 1.  | 1.0       |             | _ii        |              |              | J           | <u> </u>     | l            |              |                   |                                                  |              | <u> </u>                                         |             | 17          | 17       | 12         |      |
| 6/ 5                  | 3.0     | . 8       |             |            |              |              |             |              |              |              |                   | i                                                |              |                                                  |             | 30          | 30       | 32         |      |
| 4/ 3                  | 1.0     | • 3       |             | _          |              |              |             |              | Ĺ            |              |                   |                                                  | <u> </u>     |                                                  |             | 15          | 15       | 18         |      |
| Z/ ī                  | . 8     | . 6       | 1           | 1          | }            | -            | ļ           | }            | }            |              |                   | 1                                                |              | 1                                                | 1           | 11          | 11       | 8          |      |
| -Z/ =3                | 3,6     | 1.1       | _ !         |            |              |              |             | -            | <u> </u>     |              |                   | <del> </del>                                     |              | <u> </u>                                         |             | 38          | 38<br>45 | 47         |      |
| -4/ -5                | 3.4     | 1.8       |             | 1 1        | İ            |              | ĺ           | 1            | ſ            | 1 1          |                   | Ì                                                |              | 1                                                |             | 30          | 30       | 33         |      |
| =67 =7                | 3.5     | 4         | _ !         | .4         |              |              |             | <del> </del> | <b>├</b>     | ļ. —         |                   | <del> </del>                                     |              | <del> </del>                                     | +           | 31          | 31       | 29         | _    |
| -8/ -9                | 4.4     | . 8       |             | i i        |              |              |             |              |              |              |                   |                                                  |              |                                                  | Ì           | 41          | 41       | 40         |      |
| =10/~11               | 5.0     | 4         | - • • • • • | +          |              |              |             | <del></del>  | <del></del>  | 1            |                   | <del></del>                                      | <del> </del> | <del></del>                                      | ·           | 43          | 43       | 45         |      |
| -12/-13               | 4.1     | - 6       |             | ! !        | į            | Ì            | i           | 1            |              |              |                   |                                                  | }            | 1                                                | -           | 39          | 39       | 37         |      |
| =14/=15               |         | T. "      |             | -          |              |              |             | +            |              | $\vdash$     |                   | 1                                                | +            |                                                  |             | 48          | 78       | 47         |      |
| -16/-17               | 4.1     | b         | ,           |            | i            | ì            |             | ĺ            | ĺ            | [ [          |                   | Ì                                                | 1            | (                                                |             | 37          | 37       | 41         |      |
| -18/-19               | 3.6     | . 4       |             |            | <del> </del> |              | -           |              |              |              |                   |                                                  | 1            | <del>                                     </del> |             | 32          | 32       | 31         | _    |
| -20/-21               | 5.4     | . 4       |             | 1 1        |              |              |             |              | 1            |              |                   |                                                  |              |                                                  |             | 46          | 46       | 46         |      |
| -227-23               | ি ক • ব | . 3       |             | .          |              |              | 1           | 1            | T            |              |                   |                                                  |              | 1                                                | T           | 53          | 53       | 32         | _    |
| -24/-25               | 4.8     | . 3       | . i .       | il         | i            | l            |             |              |              |              |                   | <u>L_</u>                                        |              | <u></u>                                          |             | 40          | 40       | 42         |      |
| -26/-27               | 3.3     | • 3       |             |            |              |              |             |              |              |              |                   |                                                  |              | T                                                |             | 28          | 28       | 27         |      |
| -28/-29               | 4.3     | . 5       |             | 1          |              |              |             |              | <u> </u>     |              |                   |                                                  | <u> </u>     | <u></u>                                          |             | 38          | 38       | 36         |      |
| Element (X)           |         | Σχ'       | 1           | Σχ         | X            |              | 'A          | No. OI       | bs.          |              |                   |                                                  |              |                                                  |             | h Temperatu |          | _ •        |      |
| Rel. Hum.             |         |           |             |            |              |              |             |              |              | _ 10 €       | -                 | ≤ 32 F                                           | ≥ 6          | 7 F                                              | ≥ 73 F      | ≥ 80 F      | , 93 F   |            | 010  |
| Dry Bulb              | ļ       |           |             |            |              |              |             |              |              |              | _                 |                                                  | <b>_</b>     |                                                  |             | <b></b>     | ļ        |            |      |
| Wet Bulb<br>Dew Point | ļ.,     |           |             |            |              |              |             |              |              |              |                   |                                                  |              | -+                                               |             | <del></del> | ļ        |            |      |

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC: )
JAN 72
USAFETAC/DS-81/044
SBIE-AD-E850 072
ML AD-A100 249 UNCLASSIFIED SBIE-AD-E850 072 4 or 5

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102<br>STATION | FU   | RT S | SMITH          |          |          |              | ·            |              |                | 57-            | 66           |                                                  |         |              |           |                                                  |               |             | JA                                   |       |
|------------------|------|------|----------------|----------|----------|--------------|--------------|--------------|----------------|----------------|--------------|--------------------------------------------------|---------|--------------|-----------|--------------------------------------------------|---------------|-------------|--------------------------------------|-------|
| STATION          |      |      |                | 5        | TATION N | IAME         |              |              |                |                |              |                                                  |         | YE           | ARS       |                                                  | PAGE          | 2           | MoN<br>0000=<br>Ho∵R*                | 020   |
| Temp.            |      |      |                | ,        |          |              |              | TEMPE        |                |                |              |                                                  |         |              |           |                                                  | TOTAL         |             | TOTAL                                |       |
| (F)              |      |      |                | 5 - 6    | 7 - 8    | 9 - 10       | 11 - 13      | 2 13 - 14    | 15 - 16        | 17 - 18        | 19 - 20      | 21 - 22                                          | 23 - 24 | 4 25 - 26    | 27 - 28 2 | 9 - 30 - 2                                       | 31 D.B. W.B.  | Dry Bulb    | Wet Bulb 1                           | Dew P |
| -30/-31          | 3.4  |      | <b>5</b> ,     | ľ        |          | ì            | 1            | 1            | i              | 1              | 1            | 1 1                                              |         | 1            | - 1       | 1                                                | 29            | 30          |                                      | 3     |
| -32/-33          | 3.4  |      | ·              | <u> </u> |          | <u> </u>     |              | ļ            |                |                |              | 1 1                                              |         | 1            |           |                                                  | 27            | 28          |                                      | 3     |
| 34/-35           | 2.3  |      |                | 1        |          | }            | i            |              | }              | 1              | 1            | 1 1                                              |         |              | ļ         |                                                  | 181           | 27          |                                      | 3     |
| -36/-37          | i    |      |                | 1        |          |              | .l           |              | ļ              | 1              |              |                                                  |         | 11           |           |                                                  | il            | 27          |                                      | 2     |
| -38/-39          | i    |      |                | ļ        |          |              | i            | Į.           | ļ              |                | 1            | ] [                                              |         |              |           |                                                  |               |             |                                      |       |
| 40/-41           | 1    |      | 1              |          |          |              |              |              |                |                | l            |                                                  |         |              | 1         |                                                  | _ 1 1         | 23          |                                      | 2     |
| -42/-43          | j    |      |                | j — —    | 1        |              |              |              |                |                | Ĭ            |                                                  |         |              |           |                                                  |               | 22          | 1                                    |       |
| -44/-45          | i    |      | İ              |          |          | ļ            |              | i            |                | 1              |              |                                                  |         |              | [         | 1                                                | l i           | 10          |                                      |       |
| -46/-47          |      |      |                |          |          |              |              | T            |                |                |              |                                                  |         |              |           |                                                  | i             | 9           | Ţ··································· |       |
| -48/-49 l        |      |      | 1              | ĺ        |          | 1            |              |              | 1              |                | ĺ            | 1                                                |         | 1 1          | - !       | - 1                                              | - 1 1         | 8           | i                                    |       |
| -50/-51          |      |      |                |          | I        | T            |              |              |                | 1              | 1            | 1                                                |         |              | -         |                                                  |               | 6           |                                      |       |
| -52/-53          | - 1  |      | 1              | l        |          |              |              | 1            | 1              |                | 1            |                                                  |         | 1 1          | -         | i                                                | i             | 6           | ĺ                                    |       |
| -54/-55          |      |      |                |          |          |              | † — ·        |              |                |                | <b>†</b>     | 1                                                |         | 1            |           |                                                  |               |             | 1                                    |       |
| TUTAL            | "4.2 | 15.  | 4              | .1       | . 3      | B            | 1            | {            | }              |                |              | 1 !                                              |         | 1 1          |           | }                                                |               | 930         | i i                                  | 79    |
|                  |      |      |                |          |          |              | 1            |              |                | <del> </del> - | i            | 11                                               |         |              |           |                                                  | 797           |             | 797                                  |       |
| i                |      |      |                |          | L        | L            | ļ            |              | <u></u>        | ļ              | <u> </u>     |                                                  |         | -            |           |                                                  |               |             | 1                                    |       |
| i                | ļ    |      | +              | i        | İ        |              | 1            |              |                |                |              |                                                  |         |              |           |                                                  |               |             |                                      |       |
| ·                |      |      | 1              | ļ        | <u> </u> | <u> </u>     | <del></del>  | <del></del>  | <del> </del>   | <del> </del>   | <del> </del> | 1                                                |         | +            |           |                                                  |               |             |                                      |       |
|                  | :    |      |                |          |          |              |              | 1            |                |                |              |                                                  |         |              |           |                                                  |               |             |                                      |       |
|                  | :    |      | <del></del>    | <u></u>  | <u> </u> | +            | <del> </del> | +            | <del> </del> - | <del></del>    | <del></del>  | <del>                                     </del> |         | 1            |           | -+                                               |               |             | <del>∤</del>                         |       |
|                  | j    |      |                |          | į        |              |              |              |                |                |              |                                                  |         |              |           |                                                  | 1 1           |             |                                      |       |
| i                | -    | -    | <del></del>    | f ·      |          |              | ·            | <del></del>  | <del> </del>   | +              | <del> </del> | ╃╌┈┩                                             |         | +            |           |                                                  |               |             |                                      |       |
|                  | 1    |      | 1              | ı        |          |              |              | 1            |                |                |              |                                                  |         |              |           |                                                  |               |             | !                                    |       |
|                  |      |      | . <del> </del> |          | -        | +            | -            | +            |                | <del></del>    | <del> </del> | 1-1                                              |         | +            |           | -+-                                              |               |             | <del> </del> +                       |       |
| ;                |      |      | 1              |          |          |              |              | 1            |                | 1              |              |                                                  |         |              |           |                                                  |               |             |                                      |       |
|                  |      |      | - <del>-</del> | ļ        |          |              |              |              | <del> </del>   | <del> </del>   | ┼──          |                                                  | _       | +            |           |                                                  |               |             |                                      |       |
| 1                | į    |      | 1              |          |          |              |              | 1            |                | i              |              | 1                                                |         |              |           |                                                  |               |             | !                                    |       |
|                  |      |      | ļ ——           | ļ        | <u> </u> | +            |              | <del> </del> | ├              | <del> </del>   | <del> </del> | <b>}</b>                                         |         | <b> </b>     |           |                                                  |               |             | <del> </del>                         |       |
| 1                | i    |      | 1              |          |          |              | 1            | 1            |                | 1              |              | 1 1                                              |         |              |           |                                                  |               |             |                                      |       |
|                  |      |      | .              |          |          | <del> </del> | ₩-           | <del></del>  | <del> </del>   | <del> </del>   | <b>_</b>     | 1                                                |         | +            |           |                                                  |               |             | ļ ļ                                  |       |
| 1                | '    |      |                | 1        |          |              |              | 1            | ļ              | 1              | 1            |                                                  |         |              | ĺ         |                                                  |               |             | 1                                    |       |
|                  | l    |      | <del> </del>   | <u> </u> |          |              | <b></b>      |              | ļ              | <del> </del>   | <del> </del> | <del>                                     </del> |         | <del> </del> |           |                                                  |               |             | ļ ļ                                  |       |
|                  |      |      |                |          |          |              |              |              |                |                |              | 1                                                |         |              |           |                                                  |               |             |                                      |       |
| Element (X)      |      | Σχ'  |                |          | ZX       | ┸┯-          | <del> </del> | •            | <del></del>    | No. O          | bs.          |                                                  |         |              | Mean No   | . of Hours                                       | with Temperot | y r o       | <u> </u>                             |       |
| Rel. Hum.        |      |      | 39308          |          |          | 384          |              | 3 8.8        | 354            |                | 797          | ± 0 F                                            | :       | ± 32 F       | ≥ 67 F    |                                                  |               | = 93        | F T                                  | otal  |
| Dry Bulb         |      |      | 03594          |          | -15      |              |              | 216.         |                |                | 930          | 79                                               | . 6     | 92.4         |           | <del>                                     </del> |               | +=          | · + - ·                              | 7     |
| Wet Bulb         |      |      | 69343          |          |          |              |              | 113.1        |                |                | 79Ý          | 77                                               | . 8     | 92.6         |           |                                                  | <del></del>   | <del></del> |                                      |       |
| Dew Point        |      |      | 3836           |          |          |              |              | 214.         |                |                | 797          | 82                                               |         | 93.0         |           | +                                                | <del></del>   |             |                                      |       |

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 26102              | - 0 |       | 41Tm   |       | TION NA        |              |         |                |                                                  | 57-                                              | 00         |                                                  |         | YE           | ARS          |         |           |             |          | J/       | A.N.   |
|--------------------|-----|-------|--------|-------|----------------|--------------|---------|----------------|--------------------------------------------------|--------------------------------------------------|------------|--------------------------------------------------|---------|--------------|--------------|---------|-----------|-------------|----------|----------|--------|
|                    |     |       |        |       |                |              |         |                |                                                  |                                                  |            |                                                  |         |              |              |         |           | PAGE        | 1        | 0300     |        |
| Temp.              |     |       |        |       |                |              |         |                |                                                  | DEPRE                                            |            |                                                  |         |              |              |         |           | TOTAL       |          | TOTAL    |        |
| (F)                | 0   | 1 - 2 | 3 - 4  | 5 - 6 | 7 - 8          | 9 - 10       | 11 - 12 | 13 - 14        | 15 - 16                                          | 17 - 18                                          | 19 - 20    | 21 - 22                                          | 23 - 24 | 25 - 26      | 27 - 28      | 29 - 30 | ≥ 31      | D.B. W.B.   | Dry Bulb | Wet Bulb | Dew Po |
| 38/ 37             | i   |       |        | į     | • 1            |              |         |                |                                                  |                                                  |            |                                                  |         |              |              |         |           | 1           | 1        |          |        |
| 36/ 35:<br>32/ 31  |     | zi    | :-     |       | • 3            |              |         |                | <del> </del>                                     | <del> </del>                                     |            | <del> </del>                                     |         |              |              |         |           | Z           |          |          |        |
| 30/ 29             |     | • 4   | į      | į     |                | ı            |         | 1              |                                                  |                                                  |            |                                                  |         |              | 1            |         | Ì         | 7           | 9        | 45       |        |
| 28/ 27             |     | . 4   |        |       |                |              |         |                | -                                                | <del> </del> -                                   |            |                                                  |         | <del> </del> | <del> </del> |         |           | - 1         | - 1      | 7        |        |
| 26/ 25             |     | . 3   | - 1    |       |                |              |         |                |                                                  | !                                                |            |                                                  |         |              |              |         |           | 2           | 2        | 4        |        |
| 24/ 23             | . 4 | . 3   |        |       | i              |              |         | <del> </del>   | f                                                | 1                                                |            | 1                                                |         |              |              |         |           |             | - 5      | 5        |        |
| 22/ 21             | .4  | . 5   | 1      |       |                |              |         |                | j                                                |                                                  |            |                                                  |         |              |              |         |           | 6           | 6        | 5        |        |
| 20/ 19             | -1  | • 1   | -      |       |                |              |         | ļ              | 1                                                |                                                  |            | $\vdash$                                         |         |              |              |         |           | 2           | 2        | 3        |        |
| 18/ 17             |     |       |        |       |                |              |         |                | l                                                |                                                  |            |                                                  |         | <u> </u>     |              |         |           |             |          | 1        |        |
| 16/ 15             | • 1 | . 3   |        |       |                | i            |         |                |                                                  |                                                  |            | 1 T                                              |         | _            |              |         |           | 3           |          | 3        |        |
| 14/ 13             | .3  |       |        |       |                |              |         |                | ļ                                                | <u> </u>                                         |            |                                                  |         | L            |              |         |           | 6           | 6        |          |        |
| 12/ 11             | . 8 | 1.0   | - 1    | Ì     |                | - 1          |         |                |                                                  |                                                  |            | 1 1                                              |         |              |              |         |           | 14          | 14       | 13       |        |
| 8/ 7               | 1.4 | - 4   |        | +     |                |              |         |                | +                                                |                                                  |            |                                                  |         |              |              |         |           | 14          | 14       | 13       |        |
| 6/ 5               | 2.7 | 1.1   |        |       |                |              |         |                |                                                  | ]                                                |            |                                                  |         |              |              |         |           | 30          | 30       |          |        |
| 4/ 3               | 5.0 | . 8   |        |       |                |              |         | <del> </del>   | <del> </del>                                     | -                                                |            | 1                                                |         |              |              |         |           | 22          | 22       |          |        |
| 2/ 1               | 2.4 | . 3   | !      | 1     |                |              |         |                |                                                  | ] ]                                              |            | )                                                |         | }            |              |         |           | 21          | 21       | 24       |        |
| 0/ -1              | 3.2 | . 6   |        | 1     |                |              | -       |                |                                                  |                                                  |            |                                                  |         |              |              |         |           | 30          | 30       |          |        |
| -2/ -3             | 4.2 | 1.4   |        | .     |                |              |         |                | <u> </u>                                         |                                                  |            |                                                  |         | <u> </u>     |              |         |           | 44          | 44       | 40       |        |
| =4/ =5<br>=6/ =7   | 3.8 | • 4   | 1      | Ì     | İ              |              |         |                |                                                  |                                                  |            |                                                  |         |              |              |         |           | 36          | 36       |          |        |
| -8/ -9             | 4.4 | 1.5   | -      |       |                |              |         | L              | <del> </del>                                     |                                                  |            | <del>   </del>                                   |         |              |              |         |           | 35<br>47    | 35<br>47 | 35<br>42 |        |
| -10/-11            | 4.8 | 3     | 4      |       | 1              | j            |         |                | İ                                                |                                                  |            |                                                  |         |              |              |         |           | 42          | 42       | 48       |        |
| -12/-13            | 3.5 | .4    |        |       |                |              |         | <del> </del> - | <del> </del>                                     | <del>                                     </del> |            | ├                                                |         |              |              |         |           | 31          | 31       | 32       | ~      |
| -14/-15            | 4.9 |       | i      | ļ     |                | 1            |         |                |                                                  |                                                  |            |                                                  |         |              |              |         |           | 43          | 43       | 43       |        |
| -16/-17            | 4.1 | -1    | ······ |       |                |              |         | <del> </del>   | <del> </del>                                     | t                                                |            | 11                                               |         |              |              |         | ·         | 33          | 33       | 33       |        |
| -18/-19            | 3.4 | . 4   |        | j     |                | }            |         |                |                                                  |                                                  |            | )                                                |         | ,            | ]            |         | ]         | 30          | 30       | _ ,      |        |
| -20/-21            | 3.9 | • 1   |        |       |                |              |         |                | T                                                |                                                  |            | T†                                               |         |              |              |         |           | 32          | 32       |          |        |
| -22/-23            | 4.3 |       | \      |       |                |              |         |                | <u> </u>                                         | ļ                                                |            |                                                  |         |              |              |         |           | 34          | 34       |          |        |
| -24/-25            | 6,1 | .4    |        |       |                |              |         |                |                                                  |                                                  |            |                                                  | _       |              |              |         |           | 51          | 31       | 49       |        |
| -26/-27<br>-28/-29 | 5.3 | 3     |        |       |                |              |         | ļ              | <del> </del>                                     | <del> </del> -                                   | ļ          | <del>                                     </del> |         |              |              |         |           | 39          | 44       |          |        |
| -30/-31            | 4.3 | . 3   | į      | j     |                |              |         |                |                                                  | '                                                |            |                                                  |         |              |              |         |           | 36          | 36       |          |        |
| Element (X)        |     |       |        | Z     | <del>_</del> _ | <del>'</del> | X       | <del>-</del> , | <del>.                                    </del> | No. Ob                                           | <b>.</b> 1 |                                                  |         | <u> </u>     | Mean N       | o, of H | ours with | h Temperatu |          |          |        |
| Rel. Hum.          |     |       |        |       |                |              |         |                |                                                  |                                                  |            | ± 0 F                                            | Τ,      | 32 F         | ≥ 67         |         | 73 F      | ≥ 80 F      | ≥ 93 (   | T        | otal   |
| Dry Bulb           |     |       |        |       |                |              |         |                |                                                  |                                                  |            |                                                  |         |              |              | $\top$  | -         | <u> </u>    |          |          |        |
| Wet Bulb           |     |       |        |       |                |              |         |                |                                                  |                                                  |            |                                                  |         |              |              |         |           |             | Ī        |          |        |
| Dew Point          |     |       |        |       |                |              |         |                |                                                  |                                                  | ~ 1        |                                                  | 7       |              |              |         |           |             | T        |          |        |

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

57-66 26102 -FURT SMITH NWT DUT APT 0300-0500 HOURS (L. S. T.) PAGE 2

| T            |             |              |              |                |              | WET                                              | BILLE        | TEMPE            | ATUPE        | DEPP           | ESSION (          | E)                                               |              |              |                                                  |              |                | TOTAL        |              | TOTAL |            |
|--------------|-------------|--------------|--------------|----------------|--------------|--------------------------------------------------|--------------|------------------|--------------|----------------|-------------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|--------------|----------------|--------------|--------------|-------|------------|
| Temp.<br>(F) | 0           | 1 - 2        | 3 - 4        | 5 - 6          | 7.8          |                                                  |              |                  |              |                | 19 - 20           |                                                  | 23 - 24      | 25 . 26      | 27 . 20                                          | 29 . 20      | > 31           |              | Dry Bulb     |       | Dew Poin   |
| 32/-33       |             |              | <del></del>  | 1              | -, -, -      | /                                                | 12           | 1.5 14           | 1,3 - 10     | 1.7.18         | 1.7.20            | -1 - 22                                          | -3 - 24      | 20           | 1 20                                             |              | +              |              |              | 22    |            |
| 34/-35       | 2.0         |              |              | İ              | (            | -                                                | 1            | 1                | 1            | ì              | 1                 | 1                                                | }            | l            | 1                                                | 1            | Ì              | 23<br>17     | 25           | 18    | 38         |
| 367-37       | `           | !            | <del> </del> | <del>!</del>   |              |                                                  | <del> </del> |                  | <del> </del> | <del> </del>   | <del> </del>      |                                                  |              | }            | <del> </del>                                     |              | <del>  -</del> |              | 24           |       | 29         |
| 38/-39       |             | :            | į            | ]              | ļ            |                                                  | ì            | 1                | 1            | 1              |                   |                                                  |              |              | ì                                                | ļ            |                |              | 19           |       | 29         |
| 40/-41       |             |              |              | <del> </del> - | <del></del>  | <del> </del>                                     | <del>{</del> | <del> </del>     | <del> </del> | ├              | <b>├</b>          | <del> </del>                                     |              |              | <del> </del> -                                   | ├            | <del> </del>   |              | 18           |       | 19         |
| 42/-43       |             | į.           | ì            | 1              |              | ļ                                                |              | Į                | 1            | 1              | }                 | )                                                |              | ļ            | ļ                                                | 1            | i              |              | 18           |       | Z          |
| 44/-45       |             |              | <u> </u>     |                |              |                                                  | <del> </del> | <del></del>      | <del></del>  | <del> </del> - | <b>├</b>          | <del> </del> -                                   |              |              | <del> </del> -                                   |              | <del></del>    | <del> </del> | 19           |       |            |
| -46/-47      |             | [            | 1            | 1              | 1            | i                                                | [            | 1                | ĺ            | i i            | ł                 | ĺ                                                |              | 1            | 1                                                | ł            | l              | 1            | 10           |       |            |
| 48/-49       |             |              | <u> </u>     | <del> </del>   |              | <del>                                     </del> |              |                  | <del> </del> | <del> </del> - | <del>}</del> -    |                                                  |              | <b>├</b>     | <del>}</del> —                                   | <del> </del> | <del> </del>   | <del> </del> | - 18         |       |            |
| 50/-51       |             | l            | 1            |                | į            |                                                  | 1            | j                |              | i i            | ļ                 | ļ                                                |              |              |                                                  | ì            | 1              |              |              |       | ٩          |
| -52/-53      |             | <u> </u>     |              |                | ļ            | <u> </u>                                         | ├            | <del> </del>     | <del> </del> | <del> </del>   | ├                 | <b></b>                                          |              |              | <del> </del>                                     | ↓            | <del> </del>   | <b>↓</b>     | - 7          |       | <b></b>    |
| -54/-55      |             |              | l            |                | i            | 1                                                | 1            | 1                | i            | J              | ì                 | !                                                | }            | )            | }                                                | ļ            |                |              | 1            |       | ļ          |
| TUTAL        | 78.7        | 17. 4        |              |                | <del> </del> | <u> </u>                                         |              | <b>├</b>         | Ļ            | <del> </del>   | ļ                 | L                                                | L            | <b></b>      | <b> </b> -                                       |              | <del> </del> - | ļ            | 927          |       | 789        |
| IUIAL        | 177.        | 14.0         | 1            |                | - 4          | 1                                                | {            | (                | 1            |                | İ                 | İ                                                |              | (            | ĺ                                                | 1            | 1              | 789          |              | 789   |            |
|              |             |              | ļ            |                |              |                                                  | <b>├</b>     | <del> </del>     | ↓            | <u> </u>       | <u> </u>          | ļ                                                |              | ļ            |                                                  | <u> </u>     | ļ              | /69          | ļ            | 764   |            |
| 1            |             | )            | l            |                | 1            | ļ                                                |              | 1                | ļ            |                |                   |                                                  |              | ]            | 1                                                | l            |                | 1            |              |       |            |
|              |             | ! <u>-</u>   |              | ļ              |              | L                                                | ļ            | <del> </del>     | <b>└</b> ─   | ↓              | L                 | <u> </u>                                         |              | i            | L                                                | ļ            | <u> </u>       | L            |              |       |            |
|              |             | !            | ł            |                | }            | ł                                                | }            | 1                | ļ            | 1              | 1                 | )                                                | }            | 1            | ļ                                                | 1            | }              |              |              |       |            |
| :            | <u>_</u>    |              | <u> </u>     |                | <u> </u>     |                                                  |              | <u> </u>         | <u> </u>     | <u> </u>       |                   |                                                  |              |              |                                                  | ļ            | L              | 1            |              |       |            |
| i            |             | 1            | 1            | ĺ              | 1            | 1                                                | ĺ            |                  | Ì            | 1              | ĺ                 | l                                                | Ì            | 1            | 1                                                | 1            | ł              |              | 1            |       | }          |
|              |             | i            | İ            | L              | 1            | L                                                |              |                  | 1            | <u> </u>       | L                 |                                                  |              |              |                                                  | <u> </u>     | <u> </u>       |              |              |       |            |
| j            |             |              |              | 1              |              |                                                  |              |                  |              | 1 -            |                   |                                                  |              |              |                                                  |              |                |              |              |       |            |
| 1            |             | ĺ            | İ            | ĺ              |              |                                                  |              | (                | !            | 1              | 1                 | (                                                |              | 1            | ł                                                | l            | 1              | 1            | }            |       |            |
|              |             | 1            |              |                |              |                                                  |              |                  | Τ            | 1              | T                 |                                                  |              |              |                                                  |              |                |              |              |       |            |
|              |             | i            |              |                |              |                                                  | 1            |                  | 1            |                | 1                 | 1                                                | 1            | ļ            |                                                  | ì            | 1              | 1            | {            |       |            |
|              |             | i            |              |                |              | 1                                                |              |                  |              |                |                   |                                                  |              |              |                                                  |              | 1              |              |              |       |            |
| 1            |             | i            | }            | 1              | }            | }                                                | 1            |                  | Į            | }              | 1                 | ļ                                                |              | 1            | )                                                | )            | ]              |              |              |       |            |
|              |             | 1            |              |                |              | $\overline{}$                                    | 1            | 1                | t            |                | $\overline{}$     | <b>-</b>                                         |              |              |                                                  |              | 1              | <b>†</b>     |              |       |            |
| [            |             | 1            | [            | ĺ              | 1            | (                                                | (            | ĺ                | 1            | 1              | 1                 | ł                                                | 1            | {            | l                                                | {            | i              | 1            |              |       |            |
|              |             | <del> </del> |              | † <del></del>  | <del> </del> | -                                                | <del> </del> | <del> </del>     | 1            | 1              | <del> </del>      | <del>                                     </del> | -            | <del> </del> | <del>                                     </del> | <del> </del> | <del> </del>   | <del> </del> | <del> </del> |       |            |
|              |             | 1            | ļ            |                |              |                                                  | 1            | 1                | Į.           | 1              | 1                 | l                                                |              |              | 1                                                |              | 1              |              |              |       |            |
| ·            | <del></del> | f            | ·            | <u> </u>       | <del></del>  | <del> </del>                                     |              | +                | <del> </del> | <del> </del>   | +                 |                                                  | <del> </del> | <del> </del> | <del> </del>                                     | <del> </del> | +              | +            |              |       |            |
| ļ.           |             | 1            | i            | }              |              | !                                                |              |                  | )            |                | J                 | j                                                | ]            | }            |                                                  |              | 1              |              |              |       |            |
|              |             |              | ļ            | ·              | <del></del>  |                                                  | <del> </del> | +                | +            | <del> </del>   | <del> </del> -    | <b> </b>                                         | <del> </del> | <del> </del> |                                                  | <del> </del> | +              | <del></del>  |              |       |            |
| ļ            |             |              |              | 1              |              | 1                                                | 1            |                  | (            | -              | 1                 | (                                                | 1            | 1            | 1                                                | }            | 1              | 1            |              |       |            |
| E1 . (9)     |             | \$2          | <u> </u>     | <del> </del>   | 7            | ٠,                                               | <del></del>  | <del>  •</del> , | <del></del>  | No. O          | <del>لـــــ</del> |                                                  | L            | Щ            | **                                               | N1 1         | 1              | 1 Tanasari   | <u></u>      |       |            |
| Element (X)  |             | 2 x2         | 960          |                | 2 x          | .63                                              | 74.          | 8.               |              |                | 789               |                                                  | <u></u>      | = 32 F       |                                                  |              |                | h Temperat   |              |       | <b>7</b> 1 |
| Rel. Hum.    |             |              | 8300         |                | 204          | 74                                               | 790          | 16.              | 3 4 8        |                | 727               | ± 0                                              |              | 92.7         | ≥ 67                                             | F            | 73 F           | ≥ 80 F       | ≥ 93 F       |       | Total 93   |
| Dry Bulb     |             |              | 708          |                | -102         | 47                                               | 190          | 213.             | 7 4 9        |                | 789               |                                                  |              | 93.6         |                                                  |              |                | <del></del>  |              |       | 9;         |
| Wet Bulb     |             |              | 14 5 8 5     |                | -167         | , <del>-</del> ,                                 | 16.          | 1130             | 171          |                | 789               | 70                                               | . 5          | 750          | 1                                                |              |                |              | +            |       |            |
| Dew Point    |             | **           | 4907         | 1              | -144         | 77                                               | -10.         | 14.              | you          |                | 707               | 5.5                                              | . 1          | 93.0         | 4                                                |              |                | ]            | 1            | - 1   | 93         |

USAFETAC FORM 0.26-5 (OLA) REVISED MENOUS EDITOMS OF THIS FORM ARE OKSOLETE

DATA PRUCESSING DIVISION USAF ETAG AIR WEATHER SERVICE/MAC

26102 FORT SMITH NWT DUT APT

# **PSYCHROMETRIC SUMMARY**

| STAT.ON                    |     |       |       | 5.1   | ATION NA | ME         |          |          |         |         |             |         |         | YE       | ARS     |         |            | PAGE         | 1        | MONTH       |     |
|----------------------------|-----|-------|-------|-------|----------|------------|----------|----------|---------|---------|-------------|---------|---------|----------|---------|---------|------------|--------------|----------|-------------|-----|
|                            |     |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         |            |              | •        | HOUPS       |     |
| Temp.                      |     |       |       |       |          |            |          |          |         |         | SSION (     |         |         |          |         |         |            | TOTAL        |          | TOTAL       |     |
| (F)                        | 0   | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8    | 9 - 10     | 11 - 12  | 13 - 14  | 15 - 16 | 17 - 18 | 19 - 20     | 21 - 22 | 23 - 24 | 25 - 26  | 27 - 28 | 29 - 30 | <b>231</b> | D.B. W.B. D  | y Bulb   | We+ Bulb De | w P |
| 8/ 37                      |     |       | • 1   |       |          |            |          |          |         |         |             |         |         | i        |         |         |            | 1            | 1        |             |     |
| 6/ 35                      |     | • 3   |       | - 1   |          |            |          | [        | [       |         | i!          |         |         | Í        | 1       |         | Ĺ          | 3            | 3        | I,          |     |
| 47 33                      |     |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         |            |              |          | 2           |     |
| 2/ 31                      |     | _     |       | . 3   |          |            |          |          | l       | ł       |             | l .     |         | }        |         |         | Į          | 2            | 2        | į           |     |
| 0/ 29                      | 1   |       |       |       |          |            |          |          |         | -       |             |         |         |          |         |         |            | I            | I        | 2           |     |
| 8/ 27                      |     |       |       |       |          |            | ĺ        | l        |         |         | L           |         |         | i _      | 1 .     |         |            | l _i         | 1        | į           |     |
| 6/ 25                      |     | • 3   |       |       |          |            |          | i        | 1       |         |             |         |         |          |         |         |            | 2            | 2        | 2           |     |
| 4/ 23                      | . : |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         | İ          | 7            | 7        | 7           |     |
| 27 21                      |     | • 1   |       |       |          |            |          |          |         |         |             |         |         | 1        |         |         | [          | 1            | 1        | 3           |     |
| 0/ 19                      | • 1 | . 3   |       |       | i        |            |          |          |         | l       |             |         |         | ·        | li      |         | 1          | 3            | 3        | 1           |     |
| 8/ 17                      | • 3 | •     |       |       |          |            |          |          |         |         |             |         |         |          |         |         |            | 6            | 6        | 6           |     |
| 6/ 15                      | • 1 | • 4   |       |       |          |            |          |          |         |         | ł           |         |         |          |         |         | <u> </u>   | 5            | 5        | 4           |     |
| 47 13                      | . 4 | • 3   |       |       | - 1      |            |          |          |         | _       |             |         |         |          |         |         |            | 5            | 3        | 8           |     |
| 2/ 11                      | • 9 | 5     |       |       |          |            |          |          |         |         |             |         |         |          |         |         | l          | 7            | 7        | 3           |     |
| 07 9                       | . 8 |       |       |       | i        |            |          |          |         |         |             |         |         |          |         |         |            | 15           | 15       | 14          |     |
| 8/ 7                       | 1.6 |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         | l          | 17           | 17       | 20          |     |
| 6/ 5                       | 2.5 |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         |            | 21           | 21       | 23          |     |
| 4/ 3                       | 2.3 | . 9   |       |       |          |            |          |          |         |         |             |         |         |          |         |         | L          | 25           | 25       | 22          |     |
| 2/ 1                       | 2.3 | . 4   |       |       |          |            |          |          |         | ]       |             |         |         |          |         |         | i          | 21           | 21       | 24          |     |
| 0/ -1                      | 2.1 | . 8   |       |       |          |            |          |          |         |         |             |         |         |          | 11      |         | Ĺ          | 23           | 23       | 20          |     |
| 2/ -3                      | **1 | 1.3   |       |       | i        |            |          |          |         | \       |             |         |         |          |         |         |            | 43           | 43       | 43          |     |
| 4/ -5                      | 6,1 |       |       | L!    |          |            |          |          |         |         |             |         |         | L        |         |         |            | 56           | 56       | 53          |     |
| 6/ -7                      | 4,4 | 1.1   |       |       |          |            |          |          | ł       | 1       |             |         |         | İ        |         |         |            | 44           | 44       | 44          |     |
| 8/ -9                      | 3.6 |       |       |       |          |            |          |          |         |         |             |         |         | <u> </u> |         |         |            | 34           | 34       | 38          |     |
| 0/-11                      | 3.5 | • 3   |       |       | 1        |            |          |          |         | ĺ       | i l         |         |         | ĺ        | 1 1     |         | ĺ          | 32           | 32       | 30          |     |
| 2/-13                      | 3.4 |       |       |       |          |            |          | İ        |         | L       | <u> </u>    |         |         |          | L       |         |            | 29           | 29       | 32          |     |
| 4/-15                      | 3.9 | , 5   |       | 1 1   | 1        |            |          | ł        | }       | }       |             |         |         | 1        |         |         | 1          | 35           | 35       | 35          |     |
| 6/-17                      | 3.5 |       |       | ļ     |          |            |          |          |         |         |             |         |         | <u> </u> | $\perp$ |         |            | 28           | 28       | 29          |     |
| 8/-19<br>0/-21             | 4.5 | . 3   |       |       | - }      |            |          |          |         | į       |             |         |         |          |         |         |            | •0           | *0       | 39          |     |
|                            | 4.6 |       |       | ļ[    |          |            |          | <b></b>  |         |         |             |         |         | L        |         |         | L          | 39           | 39       | 38          |     |
| 2/ <del>-23</del><br>4/-25 | 3.6 |       |       |       | ļ        |            |          |          |         |         |             |         |         |          |         |         |            | 42           | 42       | 43          |     |
| 0/-27                      |     |       |       |       |          |            |          | <u> </u> |         | L       | <del></del> |         |         | L        |         |         |            | 31           | 31       | 32          |     |
| 8/-29                      | 5.1 |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         |            | 54           | 42<br>54 | 41<br>54    |     |
| ement (X)                  |     | Σχ²   |       |       | ž X      | -I         | <b>X</b> | · K      |         | No. Ol  | 5           |         |         |          | Mean N  | o. of H | ours wit   | h Temperatur | •        |             |     |
| 1. Hum.                    |     |       |       |       |          | $_{\perp}$ |          |          |         |         |             | ± 0     | F :     | 32 F     | ≥ 67    | F       | 73 F       | ≥ 80 F       | ≥ 93 F   | Tot         | tal |
| y Bulb                     |     |       |       |       |          |            |          |          |         |         |             |         |         |          | i       |         |            | [ [          |          |             |     |
| t Bulb                     |     |       |       |       |          | T          |          |          |         |         |             |         | 1       |          |         | $\top$  |            |              |          |             |     |
| w Point                    |     |       |       |       |          |            |          |          |         |         |             |         |         |          |         |         |            |              |          |             |     |

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USAFETAC FORM 0-26-5 (OLA) REVISED MENIOUS EDITIONS OF THIS FORM ARE OBSORDER

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/HAC

#### **PSYCHROMETRIC SUMMARY**

57-66 26102 FORT SMITH NWT DOT APT 0600#0800 HOURS (L. S. 7.) ## BULB TEMPERATURE DEPRESSION (F)

1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 \*31 D.B. W.B. Dry Bulb Dew Point Temp. 3.8 -30/-31 34 25 35 25 =32/=33 =34/=35 46 26 30 28 25 39 -36/-37 -38/-39 -40/-41 25 -42/-43 -44/-45 10 -46/-47 16 -48/-49 -50/-51 -52/-53 -54/-55 TUTAL 45.314.2 928 797 797

2x x x x x 58582 73.5 8.711 -15360 -16.616.931 -9973 -12.513.993 -14755 -18.514.792 No. Obs. Element (X) Mean No. of Hours with Temperature 4366356 519960 Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 928 Dry Bulb 78.6 92.6 92.6 280647 76.4 93 797 Wet Bulb 93 447327 797 Dew Point

AFETAC FORM 0-26-5 (OLA) REVISED MEYOUS EDITIONS OF THIS FORM ARE OTSOILETE

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DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| Temp        | 7      |           |       |       |              |       |              | WE           | TB  | ULB | TEN     | MPER | ATUR | E D    | EPRE   | SSION   | (F)         |       |                 |     |        |        |        |     |       |           | TOTAL        |             | TOTAL        |      |      |
|-------------|--------|-----------|-------|-------|--------------|-------|--------------|--------------|-----|-----|---------|------|------|--------|--------|---------|-------------|-------|-----------------|-----|--------|--------|--------|-----|-------|-----------|--------------|-------------|--------------|------|------|
| (F)         |        | )         | 1 - 2 | 3 - 4 |              | 5 - 6 | 7 - 8        |              |     |     |         |      |      |        |        |         |             | - 22  | 23 -            | 24  | 25 - 2 | 6 2    | 7 - 28 | 29  | - 30  | × 31      |              | Dry Bulb    |              |      | Poir |
| 42/ 41      |        |           |       |       | _ <u>i</u> _ | . 1   |              | 1            | 1   |     |         | _    |      |        |        |         | 7-          |       |                 | _   |        |        |        | T-  |       |           | 1            | 1           |              | +-   |      |
| 40/ 39      |        | i         |       |       | 2            |       | 1            | 1            | - } |     | }       |      |      | 1      |        |         | 1           | i     | İ               | ı   |        | 1      |        |     | - 1   |           | Ì            |             |              | j    |      |
| 367 35      | - 1    |           |       |       | -+           |       |              | <del> </del> | +   |     | -       | _    |      | +      |        |         | +           |       | _               | 7   |        | +      |        | +-  |       |           |              | <del></del> | 1            | 3    |      |
| 32/ 31      |        | - 1       |       |       |              | . 1   | 1            | 1            | -   |     |         |      |      | -1     |        |         | 1           |       | 1               | ł   |        |        |        |     | -     |           | 1            | ,           | }            | 7    | á    |
| 30/ 29      |        |           |       |       | 1            |       |              | -            |     |     | +-      |      |      | -+-    |        |         | <del></del> |       |                 | +   |        | +      |        | ╁╌  |       |           | - i          | 1           | <del></del>  | +    |      |
| 28/ 27      |        |           |       |       | - 1          |       | ĺ            |              | 1   |     | 1       |      |      | - 1    |        |         | 1           | - 1   | !               | 4   |        | - [    |        | 1   |       |           |              | 1           | 1            |      | •    |
| 26/ 25      |        | <u></u> ; |       |       | ī            |       | i            |              | +   |     | +-      |      |      | +      |        | <u></u> |             |       |                 | -+  |        | +      |        | +-  |       |           |              |             | <del> </del> | 3    |      |
| 24/ 23      |        |           | . 4   | •     | 1            |       | İ            | 1            | - 1 |     |         |      |      | 1      |        |         | 1           |       |                 | }   |        | 1      |        | 1   | ì     |           | 3            |             |              | 2    |      |
| 22/ 21      |        |           |       |       | +            |       |              | +            | -   | _ ~ | +       |      |      | +-     |        |         | +-          |       |                 | -   |        | +      | -      | ┼   |       |           |              | <u> </u>    | <b></b> -    | -1-  |      |
| 20/ 19      |        |           |       |       |              |       | [            | 1            | - [ |     | İ       |      |      | - (    |        |         | 1           |       | i               | - 1 |        |        |        | 1   | ì     |           |              | ١.          | ŀ            | 7    |      |
| 18/ 17      |        |           |       | ·     | +            |       | <del></del>  |              | +   |     |         |      |      | +      |        |         | -           |       | -               | -+  |        | +      |        | +-  |       |           |              |             | <b>!</b>     | 4    |      |
| 16/ 19      |        | • ]       | • 4   |       | ĺ            |       | 1            | -            | -{  |     | ĺ       |      |      | -      |        |         | 1           |       | ĺ               | - 1 |        |        |        | 1   | ı     |           |              | 1           | 1            | 9    | (    |
|             | _ l .  | • 3       | • 6   |       | 4            |       | <u> </u>     | ↓            | 4   |     | 1       |      |      | -      |        | ļ       | +           |       |                 | -   |        | +      |        | ∔_  |       |           |              |             | <u> </u>     | 4    |      |
|             |        | • 7       | 1.1   | ĺ     |              |       |              | 1            | 1   |     | -       |      |      |        |        |         | -           |       |                 | - [ |        | Ì      |        |     | ĺ     |           | 13           | 1 -         | 1            | 7    |      |
| 12/ 11      |        | • 2       |       | L     |              |       | <del> </del> | Ļ.,          | 4-  |     | $\perp$ |      |      |        |        | L       | _           |       | <u> </u>        |     |        | -      |        | ↓_  |       |           |              |             | <u> </u>     | 4—   |      |
| 10/- 9      |        | 9         | 1.4   |       | -            |       | İ            |              | Ì   |     | 1       | 1    |      | i      |        |         |             | - 1   |                 | - ( |        | ĺ      |        | 1   | - (   |           | 15           |             |              |      |      |
| 8/ 7        |        | 1.6       | 1.2   |       | 1            |       | ļ —-—        | ļ            |     |     | $\perp$ |      |      | 4      |        |         |             |       |                 | _   |        | _      |        | ↓_  |       |           | 23           |             |              |      |      |
| 67 3        |        | 2 • 9     | , q   |       |              |       |              |              |     |     | 1       | İ    |      |        |        |         | -           |       | İ               |     |        | -      |        | 1   |       |           | 23           |             |              |      |      |
| 4/ 3        | 3      | . 2       | • 17  |       | _!_          |       | l            | <u> </u>     |     |     | ┸       | ~ .— |      |        |        |         |             |       |                 |     |        | ┸      |        | 1_  | ]     |           | 15           |             |              |      | 1    |
| 27 1        |        | . 7       | 1.0   |       | -            |       | 1            | 1            | -   |     |         |      |      |        |        |         | 1           | i     | 1               | - 1 |        | ļ      |        | 1   | - 1   |           | 22           |             |              |      | 20   |
| 0/ -1       | - 1    | 2.2       | 1.3   |       |              |       |              | <u> </u>     |     |     | 1_      |      |      |        |        |         | 1           |       |                 | _   |        | 1_     |        |     |       |           | 29           |             |              |      | 2    |
| -27 -3      | - ! '  | 5.3       | 1.0   |       | 1            |       |              | 1            |     |     |         |      |      | ļ      |        |         |             |       |                 | 1   |        |        |        | 1   | - 1   |           | 51           |             |              |      | T    |
| -4/ -5      |        | 6.9       | • 7   |       | 1            |       | 1            |              |     |     | 1       |      |      |        |        |         | 1           |       |                 | ļ   |        | 1      |        | 1   | Į     |           | 45           |             |              |      | 2    |
| -67 -7      |        | 6.9       | . 6   |       |              |       |              | Τ            | _   |     | Т       |      |      |        |        |         | 7-          |       |                 | Ī   |        | Т      |        | T   |       |           | 4:           |             |              |      | 3    |
| -8/ -9      |        | 3.3       | ٠ 2   |       | i            |       | (            |              | Ì   |     | 1       |      |      | - 1    |        |         |             |       |                 | - } |        | - [    |        | 1   |       |           | 29           |             |              |      | 4    |
| 10/-11      |        | 3.7       | . 2   |       |              |       | i            |              | 1   |     | 1       |      |      |        |        |         |             |       |                 |     |        |        |        | 1   |       |           | 32           |             |              |      | 3    |
| 12/-13      |        | 3.4       | . 7   |       | - 1          |       | 1            | 1            | 1   |     |         | i    | i    |        |        |         | - [         |       | ļ               | - 1 |        |        |        | 1   |       |           | 34           | 34          |              |      | 3    |
| 147-13      | 5      | 3.8       | . 6   |       | 7            |       | ļ            | 1            |     |     | †-      |      |      | _      |        |         | 1-          |       |                 | 7   |        | $\top$ |        | 1   |       |           | 36           | 36          | 3            | 7    | 4    |
| 16/-17      | 71 (   | 4.9       | . 1   |       | - (          |       | i            | 1            | -   |     |         | ł    |      |        |        | 1       | 1           |       | ;               | - 1 |        | 1      |        |     |       |           | 41           | 41          | 4            | 2    | 2    |
| 18/-19      |        | 4.4       | . 3   |       |              |       | t            | 1            | +   |     | +-      |      |      | $\top$ |        |         | +-          |       | <del> </del>    | 7   |        | - -    |        | +   |       |           | 40           |             |              | 9    | 3.   |
| 20/-21      | 1 4    | 5         | . 1   |       |              |       | ĺ            |              | Ì   |     | 1       |      | Ì    | 1      |        | Ì       |             |       |                 | - } |        |        |        | 1   | ł     |           | 36           | 3 8         | 3            | 9    | 3    |
| 22/-23      |        | 5.5       | . 2   |       | +-           |       | <del> </del> | <b>†</b>     | +   |     | +       |      |      | +      |        | -       | +           |       |                 | -+  |        | +      |        | 1-  | -     |           | 47           | 41          | 4            | 8    | 3(   |
| 24/-25      |        | 9.9       | . 2   |       |              |       |              |              | 1   |     |         |      | ĺ    | i      |        | ĺ       | 1           |       | Ì               | - { |        | 1      |        | 1   | ì     |           | 34           |             | 3            | 4    | 4    |
| 26/-27      |        | 3         | - 2   | 1     | - +          |       | <del> </del> | <del> </del> | -+  |     | +       |      | ·    | -      |        |         | +-          |       | <del> </del>    | -+  |        | $\top$ | _      | ┿╌  |       |           | 37           |             | <u> </u>     |      | 3    |
| 28/-29      |        | . 7       | . 1   |       |              |       | Ĺ            | 1            | _ [ |     | $\perp$ |      |      |        |        |         |             |       | ĺ               | - { |        |        | _      | 1   | _     | _         | 39           |             |              |      | 40   |
| Element (X) |        |           | Σχ'   |       | 1            |       | ΣX           |              |     | X   | Т       | ₹,   | ]    | N      | lo. Ol | ş.      |             |       |                 |     |        |        | Mean   | No. | of He | ours with | Tempera      | ture        |              |      |      |
| Rel. Hum.   |        |           |       |       | -1-          |       |              |              |     |     | Т       |      |      |        |        |         |             | ± 0 1 | F               | 4   | 32 F   | T      | ≥ 67   | 7 F | 2     | 73 F      | → 80 F       | ≥ 93        | F            | Tota | ı    |
| Dry Bulb    | $\top$ |           |       |       | 7            |       |              |              |     |     | 7       |      | -    |        |        |         |             |       | $\neg \uparrow$ | -   |        | 7      |        |     |       |           |              |             |              |      |      |
| Wet Bulb    | 1      |           |       |       | T            |       |              |              | _   |     | T       |      |      |        |        |         | $T^{-}$     |       | _               | _   |        |        |        |     | _     | _         |              |             |              |      |      |
| Dew Point   | +      |           |       |       | +            |       |              |              |     |     | -       |      |      |        |        |         | +           |       |                 |     |        | +-     |        |     | +     |           | <del> </del> |             |              |      |      |

USAFETAC FORM 0.26-5 (OLA) REVISED MENOUS EDITIONS OF THIS FORM ARE DISOURTED.

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102<br>STATION - | FU      | RT S  | MITH          |              | TOU TATION NAI |              | <u> </u>                                         |                                                  |               | 57-               | 66      |                                                  |        | YE             | AR5            |         |      |                                                  |              | J        | AN     |
|--------------------|---------|-------|---------------|--------------|----------------|--------------|--------------------------------------------------|--------------------------------------------------|---------------|-------------------|---------|--------------------------------------------------|--------|----------------|----------------|---------|------|--------------------------------------------------|--------------|----------|--------|
|                    |         |       |               |              |                | -            |                                                  |                                                  |               |                   |         |                                                  |        |                |                |         |      | PAG                                              | £ 2          | 0900     | -110   |
| Temp.              |         |       |               |              |                |              |                                                  |                                                  |               | E DEPRE           |         |                                                  |        |                |                |         |      | TOTAL                                            |              | TOTAL    |        |
| (F)                | 0       | 1 - 2 | 3 - 4         | 5 - 6        | 7 - 8          | 9 - 10       | 11 - 12                                          | 13 - 14                                          | 15 - 16       | 17 - 18           | 19 - 20 | 21 - 22 2                                        | 3 - 24 | 25 - 26        | 27 - 28        | 29 - 30 | ≥ 31 | D.B./W.B.                                        | Dry Bulb     | Wet Bulb | Dew Pa |
| -30/-31            | 5.4     |       |               | 1            |                |              |                                                  | 1                                                |               | 1                 | -       |                                                  |        |                |                |         |      | 44                                               | 44           | 45       | 2      |
| -32/-33            | 3.7     | • 2   | 1             | İ            |                |              | 1                                                |                                                  |               |                   |         | l i                                              |        |                |                |         |      | 32                                               | 32           | 31       | 1      |
| 34/-35             | 2.1     |       |               | <u> </u>     |                |              |                                                  |                                                  |               | 1 7               |         |                                                  |        |                |                |         | _    | 17                                               | 26           | 18       |        |
| -36/-37            | i       |       |               | \$           |                |              |                                                  |                                                  |               | 1 1               |         |                                                  |        |                | ļ              | l       |      |                                                  | 19           |          | 4      |
| -38/-39            |         |       |               |              |                |              |                                                  |                                                  |               | 1                 |         | -                                                |        |                |                |         |      |                                                  | 14           |          |        |
| -40/-41            | ì       |       |               |              |                |              | l                                                |                                                  |               |                   |         |                                                  |        |                | ļ              | ŀ       |      | 1                                                | 21           | -        | 7      |
| -42/-43            |         |       |               |              |                |              |                                                  |                                                  |               | 1                 |         |                                                  | -      |                |                |         |      | 1                                                | 18           |          |        |
| -44/-45            |         |       |               |              |                |              |                                                  |                                                  |               |                   |         |                                                  |        | [              |                |         |      | 1 1                                              | 8            | i        |        |
| -46/-47            |         |       | <del></del>   |              |                |              |                                                  |                                                  |               |                   |         | <del>                                     </del> |        |                | -              |         |      | -                                                | - 6          |          |        |
| 48/-49             |         |       |               |              |                |              |                                                  |                                                  |               | 1 1               |         |                                                  | i      |                | 1              | }       |      |                                                  | 8            |          |        |
| -50/-51            |         |       |               |              |                |              | <del> </del>                                     |                                                  |               | <del>  </del>     |         | <del>                                     </del> |        |                |                |         |      | <del>                                     </del> | - 4          |          |        |
| -52/-53            |         | ,     |               |              |                |              |                                                  | 1                                                |               | ] ]               |         | ]                                                |        |                |                | ĺ       |      |                                                  | 4            |          |        |
| -54/-55            |         |       |               |              |                |              | <del>                                     </del> | <del>                                     </del> |               | 1-1               |         | <del>                                     </del> |        |                |                |         |      | <del>                                     </del> | 4            |          |        |
|                    | B3.6    | 15.6  | . 6           | . 2          |                |              |                                                  | ] !                                              | Ì             |                   |         |                                                  |        |                | İ              |         |      |                                                  | 930          | ;        | 8      |
|                    | 1       |       |               | f            |                |              |                                                  | 1                                                |               | 1                 |         |                                                  |        |                |                |         |      | 815                                              |              | 815      |        |
| į                  |         |       |               | ļ            |                |              |                                                  |                                                  |               |                   |         |                                                  |        |                |                |         |      | []                                               |              | - 7      |        |
| <del></del>        |         |       |               | ·            |                |              | <del> </del>                                     | <del> </del>                                     |               | 1 -1              |         | -                                                |        |                | <del>   </del> |         |      | +-+                                              |              |          |        |
| :                  | 1       |       | ;<br>;        |              |                |              |                                                  |                                                  |               |                   |         |                                                  |        |                |                | 1       |      |                                                  |              |          |        |
|                    |         |       | }             | <del> </del> | <del>  </del>  |              | <del> </del>                                     | <del> </del>                                     | <del> </del>  | <del>  </del>     |         | $\vdash$                                         |        |                |                |         |      | <del>                                     </del> |              |          |        |
|                    |         |       |               |              | [              |              |                                                  |                                                  |               | 1                 |         |                                                  |        |                | ĺ              | [       |      | [ [                                              | ĺ            | 1        |        |
| }                  |         |       | <del> </del>  | i            | <del>  -</del> |              | <del> </del>                                     | <del> </del>                                     | <del></del> - | <del>  </del>     |         |                                                  |        |                |                |         |      |                                                  |              |          |        |
|                    | Í       |       |               | (            |                |              |                                                  | 1                                                |               | 1 1               |         | 1 1                                              |        |                |                | }       |      | 1                                                | }            | }        |        |
|                    |         |       | <del> </del>  |              |                |              | <del> </del>                                     | <del> </del>                                     |               | ╁╼╾┧              |         | <del>                                     </del> |        | -              |                |         |      | <del>   </del>                                   |              |          |        |
| i i                |         |       | I             | ł            | }              |              |                                                  | }                                                |               |                   |         |                                                  |        |                | ļ              | ļ       |      |                                                  | J            | }        |        |
|                    |         |       | <del></del> - |              |                |              | -                                                | <del> </del>                                     |               | +                 |         |                                                  |        | ļ <del>-</del> |                |         |      |                                                  |              |          |        |
| j                  | i       |       | 1             |              |                |              |                                                  |                                                  |               |                   |         |                                                  |        |                |                |         |      |                                                  | 1            |          |        |
|                    |         |       | !             | ļ            |                |              |                                                  |                                                  |               | <del>  </del>     |         |                                                  |        |                |                |         |      |                                                  |              |          |        |
| 1                  |         |       | İ             | }            |                |              | 1                                                |                                                  |               | 1                 |         |                                                  |        |                |                | 1       |      |                                                  |              |          |        |
|                    | - · — i |       | ļ             |              |                |              | <del> </del>                                     | <del> </del>                                     |               | +                 |         | ├                                                |        |                | <b>└</b>       |         |      | <b>├</b>                                         |              |          |        |
| į                  |         |       |               |              |                |              |                                                  |                                                  |               | 1 1               |         |                                                  |        |                |                |         |      |                                                  |              |          |        |
|                    |         |       |               | ļ            | !              |              | ļ                                                | ļ                                                |               | $\longrightarrow$ |         | <b>  </b> -                                      |        |                |                |         |      |                                                  |              |          |        |
| ·                  |         |       |               | }            |                |              |                                                  |                                                  |               | 1                 |         |                                                  |        |                |                |         |      |                                                  | ĺ            | ĺ        |        |
|                    |         |       |               | ·<br>        |                |              | ļ                                                |                                                  |               | $\perp$           |         |                                                  |        |                |                |         |      | <u> </u>                                         |              |          |        |
| 1                  | ļ       |       | [             |              | í Í            |              | [                                                |                                                  | ĺ             |                   |         |                                                  | i      |                |                | l       |      | 1                                                | ł            | ł        |        |
|                    |         | Ţ.,   | L             | <u> </u>     | <u></u>        | -            | ــــــ                                           | <u> </u>                                         | Ц             | اي با             |         | <u> </u>                                         |        |                | لـــــا        |         |      | L                                                |              |          |        |
| Element (X)        |         | Σχ',  | 2906          |              | 2 x 394        | 4            | ¥ .                                              | 7.8                                              |               | No. Ob            | 15      |                                                  |        |                |                |         |      | h Temperat                                       |              |          |        |
| Rei. Hum.          |         |       | 3947          |              |                |              | / <b>9</b> e ( /                                 | 1 / 0                                            | A G           | <u></u>           | 30      | ± 0 F                                            |        | 32 F           | ≥ 67           | F   2   | 73 F | ≥ 80 F                                           | ≥ 93 F       | T        | Total  |
| Dry Bulb           |         |       | 9068          |              | -147           |              |                                                  | 16,4                                             |               |                   |         | 78,                                              |        | 92.7           |                |         |      | ļ                                                | <del> </del> |          |        |
| Wer Bulb           |         |       | 8876          |              | -101           |              |                                                  |                                                  |               |                   | 15      | 76.                                              |        | 92.7           |                |         |      |                                                  | <del> </del> |          |        |
| Dew Point          |         | _ **  | 100 (0        |              | -150           | , <b>9</b> • | 1400                                             | 14.4                                             | 4 2           | 0                 | 15      | 82.                                              | •      | 93.0           |                |         |      |                                                  | 1            | 1        | 9      |

USAFETAC FORM 0.26-5 (OL.A). BEHIND MEYOUS BOTTOMS OF THIS FORM ARE OLD OLETTE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

JAN

FORT SMITH MET DOT APT 57=66 26102 STATION NAME YEARS PAGE 1 1200-1400 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point Temp. (F) 44/ 43 42/ 41 38/ 37 34/ 33 32/ 31 3C/ 29 28/ 27 26/ 25 2 • 1 24/ 23 22/ 21 20/ 19 18/ 17 16/ 15 14/ 13 1.0 12/ 11 6 24 26 33 22 29 25 41 10/ 1.6 1.1 26 33 2.2 - **7** 16 27 30 31 31 22 42 49 61 5 22 29 4/ 3 21 2.4 24 25 41 53 55 41 51 2.0 07 19 31 35 -4/ -5 55 41 51 62 38 48 49 41 44 37 53 3.2 -6/ -7 38 -6/ -9 -10/-11 42 51 33 44 -12/-13 49 -14/-15 -10/-17 39 44 41 35 53 45 37 51 45 -18/-19 -20/-21 4.5 . 6 37 3.9 51 -22/-23 5.7 -24/-25 -26/-27 3.6 No. Obs. Mean No. of Hours with Temperature • Element (X) ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 5 0 F : 32 F Rel. Hum. Dry Bulb Wet Bulb

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

| 26102                | Fij          | RTS       | MITH     |              | TUQ<br>N NOITAT |          | <u> </u>       |                                                  |         | 57-                                              | 56      |                                                  |                                                  | E ARS                                            |            |              |          | J.       | AN<br>ITH |
|----------------------|--------------|-----------|----------|--------------|-----------------|----------|----------------|--------------------------------------------------|---------|--------------------------------------------------|---------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------|--------------|----------|----------|-----------|
|                      |              |           |          |              |                 |          |                |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            | PAG          | F 2      | 1200     |           |
| Temp.                |              |           |          |              |                 |          |                | TEMPERA                                          |         |                                                  |         |                                                  |                                                  |                                                  |            | TOTAL        |          | TOTAL    |           |
| (F)                  | 0            |           |          | 5 - 6        | 7 - 8           | 9 - 10   | 11 - 12        | 13 - 14 1                                        | 15 - 16 | 17 - 18                                          | 19 - 20 | 21 - 22 23 -                                     | 24 25 - 26                                       | 27 - 28 2                                        | 9 - 30 ≥ 3 |              | Dry Bulb | Wet Bulb |           |
| 287-29               | 4.3          | . 3       |          | :            |                 | ĺ        |                | ĺĺ                                               |         |                                                  |         |                                                  | ĺ                                                |                                                  |            | 41           | 41       | 36       | 3         |
| 30/-31               | 4.5          | . 2       | ļ        | ·            |                 | İ        |                |                                                  |         | L                                                |         |                                                  |                                                  |                                                  |            | 42           | 43       | 43       |           |
| 32/-33               | 1.8          |           | i        |              |                 |          |                | [                                                |         |                                                  |         |                                                  | İ                                                | !                                                |            | 16           | 16       | 18       | 4         |
| 34/-35               | . 8          | 1         | L        |              |                 |          | <del> </del>   | ļ                                                |         | L                                                |         |                                                  |                                                  |                                                  |            | Я            | 13       | 8        | 3         |
| 38/-39               |              |           | !        | !            |                 | }        |                | 1                                                |         |                                                  |         |                                                  |                                                  |                                                  | 1          | i            | 10       | ļ        | 4         |
| 40/-41               | <del>:</del> |           |          | ļ            |                 |          |                | <del>  </del>                                    |         | <del>∤</del> <del>-</del> -}                     |         |                                                  |                                                  |                                                  |            |              | 10       |          | - 1<br>1  |
| 42/-43               |              |           |          |              |                 | 1        |                | 1                                                |         | }                                                |         |                                                  |                                                  |                                                  |            |              | 6        | 1        |           |
| 447-45               |              |           |          | <u> </u>     |                 |          | <del> </del>   | <del>                                     </del> |         | <del>  </del>                                    |         | <del>  </del>                                    |                                                  | <del>                                     </del> |            | <del></del>  | 3        | -        |           |
| 46/-47               |              |           |          |              |                 | ŀ        |                |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            |              | 1        |          |           |
| TUTAL                | 81.4         | 17.7      | . 3      | .6           |                 |          | 1              |                                                  |         | 1 - 1                                            |         |                                                  | $\neg$                                           | 1                                                |            | 1            | 930      |          | 89        |
| ,                    |              |           |          |              |                 |          |                |                                                  |         |                                                  |         |                                                  | i                                                |                                                  |            | 894          |          | 894      |           |
| •                    |              |           | :        |              |                 | !        |                |                                                  |         |                                                  |         |                                                  |                                                  | 1                                                |            |              |          |          |           |
|                      |              |           |          | İ.           |                 |          |                | 1                                                |         |                                                  |         |                                                  | j                                                | ] j                                              | }          |              |          |          |           |
| •                    |              |           |          |              |                 |          |                |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          | İ            |                 | <u> </u> | <u>.l</u> .    |                                                  |         | L                                                |         |                                                  |                                                  | L., .                                            |            |              |          |          |           |
|                      |              |           |          | I            | i               |          |                | 1                                                |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          | ι.           |                 | ļ<br>+   | ·              |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          | l            |                 | ļ        | 1              |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          | •            | ·               |          |                | i — — — i                                        |         | <del>                                     </del> |         |                                                  |                                                  | <b></b>                                          |            |              |          |          |           |
|                      |              |           |          |              |                 | Ì        |                | 1 1                                              |         |                                                  |         | 1                                                | ł                                                | 1                                                | 1          |              |          | 1        |           |
|                      |              |           |          | +            |                 | <u> </u> |                | <del>                                     </del> |         | <del>  </del>                                    |         |                                                  |                                                  | <del></del>                                      |            |              |          |          |           |
|                      |              |           |          |              |                 |          | 1              |                                                  |         | į į                                              |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          | : -          | i —             | ļ        | - <del> </del> |                                                  |         |                                                  |         | <del>                                     </del> | <del>                                     </del> | <del>  -  </del>                                 |            |              |          |          |           |
|                      |              |           |          |              | ĺ               |          | 1              | 1                                                |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          | i        |           |
|                      | •            |           |          | · · · · ·    | ·               |          | <del>-i</del>  |                                                  |         |                                                  |         | <del>    -</del>                                 | _                                                | $\vdash$                                         |            | <del></del>  |          |          |           |
|                      |              |           |          |              | 1               | ļ        | 1              |                                                  |         |                                                  |         |                                                  | 1                                                | 1 1                                              | }          |              |          | ļ        |           |
|                      |              |           |          | · - —        |                 |          |                |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          |              | L .             | L        |                | L                                                |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
| •                    |              |           |          |              |                 | i        |                |                                                  |         |                                                  |         |                                                  | T                                                |                                                  |            |              |          |          |           |
|                      |              |           | 1.       | ·            |                 | <u> </u> |                |                                                  |         | 1                                                |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           |          | i            |                 |          |                |                                                  |         |                                                  |         |                                                  |                                                  |                                                  |            |              |          |          |           |
|                      |              |           | <u>!</u> |              | <u></u> _       | <u> </u> |                |                                                  |         |                                                  |         | <u> </u>                                         |                                                  | <u></u>                                          |            | 4            |          |          |           |
| Element (X)          |              | χ,<br>Σχ' | 494.     | ·            | Z <sub>X</sub>  |          | 72.0           | 9 46                                             | -       | No. Obs                                          | 94      |                                                  |                                                  |                                                  |            | with Tempera |          |          |           |
| Rel. Hom.            |              | 407       | 6263     | <del> </del> | 717             | 33       | 12,0           | 8,48                                             | 1       |                                                  | 30      | 10 F                                             | 5 32 F                                           | ≥ 67 F                                           | ≥ 73 F     | - 80 F       | ≥ 93 F   | <u> </u> | otal      |
| Dry Bulb<br>Wet Bulb |              |           | 8692     |              | -11V            | 76       | 11.7           | 13.30                                            | 58      | 8                                                | 94      | 74.3                                             | 92.                                              |                                                  |            |              | +        |          | - 9       |
| Dew Point            |              |           | 1244     |              | -195            | R2       | 17.4           | 14.18                                            | 14      |                                                  | 94      | 81.2                                             | 93.0                                             | <del> </del>                                     | _          |              | +        |          | 9         |

USAFETAC FORM 0 26 5 (OL A)

MATA PRUCESSING MIVISION USAF ETAC AIR MEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 26102      | Fije     | T SM | YT∺.  |                      | DOT      |          |             |          |          | 57-    | 66      |                                                  |         |                |                                                  |         |      |           |              |          | AN                  |
|------------|----------|------|-------|----------------------|----------|----------|-------------|----------|----------|--------|---------|--------------------------------------------------|---------|----------------|--------------------------------------------------|---------|------|-----------|--------------|----------|---------------------|
| 57AT DN    |          |      |       | STA                  | TION NAM | AE.      |             |          |          |        |         |                                                  |         | YE             | ARS                                              |         |      | PAG       | 1            | 1500     | тн<br><b>=170</b> ( |
|            |          |      |       |                      |          |          |             |          |          |        |         |                                                  |         |                |                                                  |         |      |           |              | HOURS    | . s. t.             |
| Temp.      |          |      |       | ,-                   |          |          |             |          | TURE     |        |         |                                                  |         |                |                                                  |         |      | TOTAL     |              | TOTAL    | _                   |
| 42/ 41     |          | . 2  | 3 - 4 |                      |          | 7 - 10 1 | 1 - 12 1    | 3 - 14 1 | 5 - 16 1 | 7 - 18 | 19 - 20 | 21 - 22                                          | 23 - 2  | 25 - 26        | 27 - 28                                          | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb     | Wet Bulb | Dew Po              |
| 40/ 39     |          | i i  | - 1   | - 1                  | • 1      |          |             | - 1      | 1        |        |         |                                                  |         |                | 1 1                                              | )       |      | 1         | - 4          |          |                     |
| 36/ 35     |          |      |       |                      | • 1      |          |             |          |          |        |         | L                                                |         |                |                                                  |         |      |           |              |          |                     |
| 34/ 33     |          |      | - 1   | ļ                    | l        | ł        | 1           |          |          | i      |         |                                                  |         |                | 1 1                                              | 1       |      |           |              | 1        |                     |
| 30/ 29     |          |      | - 1   | .1                   |          |          |             |          |          |        |         | l                                                |         | <del> </del>   | <del> </del>                                     |         |      |           |              |          |                     |
| 28/ 27     |          |      | . 2   | . 1                  | - [      | 1        |             |          | - 1      |        |         | 1 1                                              |         |                |                                                  | - 1     |      | 3         | 3            |          |                     |
| 26/ 25     | <u>-</u> | . 6  |       |                      |          |          |             |          |          |        |         |                                                  |         | ļ              | <del>                                     </del> |         |      | -         | <del></del>  | 3        | _                   |
| 24/ 23     |          | . 3  |       | i                    | Ì        | 1        |             |          | ļ        |        |         |                                                  |         | Ì              | 1 1                                              | İ       |      | 3         | 2            | ã        |                     |
| 22/ 21     | -1       | .2   |       |                      |          | -+       |             |          |          |        |         | <del>   </del>                                   |         | +              | <del>├───</del> ┤                                |         |      | - 3       |              | 9        |                     |
| 20/ 19     | 77       | . 8  | i     | ŀ                    |          | i i      |             | !        | 1        |        |         | ļ į                                              |         | l              |                                                  | į       |      | 7         | 7            | 4        |                     |
| 18/ 17     | .3       | • 2  | -+    | +                    |          |          |             |          |          |        |         |                                                  |         | <del> </del>   | ┼──┼                                             |         |      |           |              | 7        |                     |
| 16/ 15     | . 8      | . ]  | 1     | j                    |          | j        | 1           | 1        |          |        |         |                                                  |         | i              |                                                  | 1       |      | 8         | Á            | а        |                     |
| 14/ 13     | • 2      |      | +     |                      |          | -+       |             |          |          |        |         |                                                  |         | +              | <del></del>                                      |         |      | - 6       | <u>_</u>     | - 6      | T                   |
| 12/ 11     | . a      | . 4  | Ì     | 1                    | - 1      | - }      | - }         | 1        | - 1      | ,      |         | ] ]                                              |         | )              | ) )                                              | - }     |      | 11        | 11           | 7        |                     |
| 07 9       | . 9      | .+   | ·     |                      |          |          | <del></del> |          |          |        |         | <del>                                     </del> |         | <del> </del>   | <del>   </del>                                   |         |      | 14        | 14           | 18       |                     |
| 8/ 7       | 2.0      | . 7  | 1     |                      | - 1      |          | -           |          |          |        |         |                                                  |         |                | 1                                                | į       |      | 29        | 29           |          |                     |
| 67 5       | 2.4      | 1.2  |       | +                    |          |          |             |          |          |        |         | <del> </del>                                     |         | +              |                                                  |         |      | 32        | 32           | 33       |                     |
| 4/ 3       | 1.6      | 1.5  | - 1   |                      | - 1      | [        |             | 1        | ĺ        | Ì      |         | i i                                              |         | 1              |                                                  | ł       |      | 27        | 27           | 25       |                     |
| 2/ 1       | 1.9      | . 4  |       | +                    |          |          |             |          |          |        |         | -                                                |         | <del> </del>   | ++                                               | +       |      | 21        | 21           | 26       | 2                   |
| 0/ -1      |          | 1.3  | i     | 1                    |          | 1        |             |          |          |        |         |                                                  |         | ĺ              |                                                  | ĺ       |      | 30        | 30           | 26       | 2                   |
| -27 -3     | 4.3      | . 9  | h     | +                    |          |          |             |          |          |        |         |                                                  |         | <del>†</del> - | <del> </del>                                     |         |      | 46        | 46           | 48       | 1                   |
| -4/ -5     | 3.7      | . 8  | Ì     | 1                    |          |          |             | 1        | 1        |        |         |                                                  |         |                |                                                  |         |      | 40        | 40           | 40       | 3                   |
| -6/ -7     | 4 . U    | . 9  |       | ··- · <del> </del> - |          |          |             |          |          |        |         |                                                  |         | <del> </del>   | <del>  </del>                                    | +       |      | 44        | 44           | 45       | 2                   |
| -8/ -9     |          | 1.0  |       |                      | i        |          |             | l        |          |        |         | 1 1                                              |         | 1              |                                                  | ļ       |      | 51        | 51           | 52       | 4                   |
| 10/-11     | 4,9      | . 9  |       |                      |          |          |             |          |          |        |         |                                                  |         | 1              |                                                  |         |      | 52        | 52           |          | 3                   |
| 12/-13     | 4.6      | 1.2  | 1     | 1                    | į<br>į   |          | 1           |          | ]        |        |         |                                                  |         | }              |                                                  |         |      | 52        | 52           |          | 4                   |
| 14/-15     | 3.8      | . 9  |       |                      | 1        |          |             |          |          |        |         | i                                                |         | 1              |                                                  |         |      | 42        | 42           | 44       | 7                   |
| 16/-17     | 5 . q    | . 7  |       | 1                    |          | 1        | 1           | -        | -        |        |         |                                                  |         | ļ              |                                                  |         |      | 51        | 51           | 51       | 3                   |
| 18/-19     | 4.1      | . 4  | - 1   |                      |          |          |             |          |          |        |         |                                                  |         |                |                                                  |         |      | 41        | 41           |          |                     |
| 20/-21     | 4.1      | • 4  | 1     | 1                    |          |          | 1           | 1        | 1        |        |         | 1 1                                              |         | 1              | 1                                                |         |      | 41        | 41           |          | 4                   |
| 22/-23     | 3.1      | •    | 1     | i j                  |          |          |             |          |          |        |         |                                                  |         |                |                                                  |         |      | 34        | 34           |          |                     |
| 24/-25     | 4.1      | . 2  | į     |                      |          |          | _           |          |          |        |         | [ _ [                                            |         | 1              |                                                  |         |      | 39        | 39           | 42       |                     |
| 26/-27     | 4.1      | • 1  |       | - 1                  |          |          |             |          |          |        |         |                                                  |         |                |                                                  | 1       |      | 38        | 38           | 39       |                     |
| 28/-29     | 3.6      | ٠2   |       |                      |          |          |             |          |          |        |         |                                                  |         |                |                                                  |         |      | 34        | 34           | 34       | 3                   |
| lement (X) | Σ        | x'   |       | Z                    | X        |          | X           | - °,     |          | No. Ob | •       |                                                  |         |                |                                                  |         |      | Temperat  | ure          |          |                     |
| Rel. Hum.  |          |      |       |                      |          |          |             |          |          |        |         | ± 0 F                                            |         | 1 32 F         | - 67                                             | F >     | 73 F | → 80 F    | - 93 1       | _        | Total               |
| Dry Bulb   |          |      |       |                      |          | _ [      |             |          |          |        | l       |                                                  | $\perp$ |                |                                                  |         |      |           | 1            |          |                     |
| Wet Bulb   |          |      | ].    |                      |          | _        |             |          |          |        |         |                                                  |         |                | <u> </u>                                         | _ ]     |      | ļ         | <del> </del> |          |                     |
| Dew Point  |          |      | !     |                      |          | _l       |             |          |          |        |         |                                                  | Ĺ       |                | !                                                |         |      | <u> </u>  | 1            |          |                     |

USAFETAC FORM 0.26-5 (OLA) BENNEO MENIOUS EDITIONS OF THIS FORM ARE OBSOLETE

26102

TATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NWT DUT APT

# **PSYCHROMETRIC SUMMARY**

 $J\Delta^{N}$ 

| STATUN                | 1 13:51 3:51 | STATION NAME                          |             |                | 3,000            |                                                  |            | ARS           |           |              |              | MON          |      |
|-----------------------|--------------|---------------------------------------|-------------|----------------|------------------|--------------------------------------------------|------------|---------------|-----------|--------------|--------------|--------------|------|
| 5 AT LN               |              | STATION NAME                          |             |                |                  |                                                  | 16         |               |           | PAG          | E 2          | 1500=        | 17   |
| Temp.                 | <del></del>  |                                       | ET BULB TE  | MPERATURE      | E DEPRESSION     | (F)                                              |            |               |           | TOTAL        |              | TOTAL        | . 5. |
| (F)                   | 0 1-2 3-4    | 5-6 7-8 9-                            | 0 11 - 12 1 | 3 - 14 15 - 16 | 17 - 18 19 - 20  | 21 - 22 23 - 2                                   | 24 25 - 26 | 27 - 28 29 -  | 30 - 31   | D.B. W.B.    | Dry Bulb     | Wet Bulb D   | De w |
| -30/-31               | 4.0 .1       | · 1-1-1                               |             | - 11 // - 12   | 1                |                                                  |            |               |           | 37           | 37           | 37           |      |
|                       | 2.4          | i i !                                 |             | ì              | 1 (              | 1 1                                              | 1 1        | 1             |           | 2.5          | 25           | 25           |      |
| -34/-35               | 1 • a        |                                       |             |                | <del>  </del>    | <del> </del>                                     |            |               |           | 16           |              | 15           |      |
| -36/-37               | ••           |                                       | -           | ĺ              | 1 1              |                                                  |            | 1             |           | j i          | 15           |              |      |
| -38/-39               |              | · · · · · · · · · · · · · · · · · · · |             |                | 1                | 1                                                |            |               |           |              | 7            |              |      |
| -40/-41               |              |                                       | 1           |                |                  | 1 1                                              |            |               | ĺ         |              | 3            | •            |      |
| -42/-43               |              | ·                                     |             |                | 1                | 1-1-                                             | 1          |               |           | 1            | 4            | :            | -    |
| -44/-45               |              |                                       | j (         | -              |                  |                                                  |            | 1             |           | 1            | 4            | 1            |      |
| -46/-47               |              | <del></del>                           |             |                | 1                |                                                  |            |               |           |              | 1            |              |      |
| -48/-49               |              |                                       |             |                | 1                |                                                  |            |               | İ         |              |              |              |      |
| TOTAL                 | PO.418.7     | 3 .3 .2                               |             |                | 1                |                                                  |            |               |           |              | 930          |              | 8    |
|                       | 1            |                                       |             |                | 1 1              | 1 1                                              | 1. 1       | _ {           | 1         | 897          |              | 89 <u>2</u>  |      |
|                       |              |                                       |             |                |                  |                                                  |            |               |           |              |              | 1            |      |
|                       |              |                                       | 1_1         |                | 11_              | 1 - 1 -                                          |            |               |           |              | i            |              |      |
|                       |              |                                       |             |                | 7                |                                                  |            |               | T         |              |              |              | _    |
|                       | 1 1          |                                       | _11         |                | 1_1_             | 1_1_                                             |            |               |           |              |              |              |      |
|                       |              |                                       |             |                |                  |                                                  |            |               | T         |              |              | - :-         | -    |
|                       |              |                                       |             |                |                  |                                                  |            |               |           |              |              |              |      |
|                       |              |                                       | - T         | - 1 -          |                  | { - {                                            | 1          |               | 1         |              |              | i i          |      |
|                       |              | 1                                     |             |                | 1                | <del>                                     </del> |            |               |           | 1            |              |              |      |
| · · · · · ·           |              |                                       | I           |                |                  | 1                                                | }          |               |           |              |              | Ì            |      |
|                       |              | .! <b></b>                            |             |                | <u> </u>         |                                                  |            |               |           |              |              |              |      |
|                       | 1            |                                       | $\perp$     |                |                  | 1 (                                              | 1 1        |               | 1         |              | {            | - (          |      |
|                       |              | 1 1                                   |             |                | 1                | 1                                                |            |               |           | <u> </u>     |              |              |      |
| İ                     |              |                                       |             |                | 1 1              | 1                                                | - {        |               | 1         |              |              | 1            |      |
| <u> </u>              |              | 1                                     |             |                |                  | 1                                                |            |               | <u> </u>  |              |              |              |      |
| :                     | i i          |                                       |             |                | 1                | 1 1                                              |            |               |           |              | ĺ            | į            |      |
| !                     |              |                                       |             |                | <del> </del>     | <del></del>                                      |            |               |           |              |              | <del>-</del> |      |
| ı                     | į            |                                       |             |                |                  | 1                                                |            |               | Ì         |              |              |              |      |
| •                     | 1            | 1                                     |             |                | <del> </del>     | +                                                |            |               |           | +            |              |              |      |
|                       | 1 1          | !                                     |             |                |                  | 1                                                | }          |               |           |              |              | j            |      |
| i -                   |              | ·                                     |             |                | <del></del>      | +                                                |            | <b>├──</b> ├─ |           |              |              |              |      |
|                       |              |                                       |             | )              |                  | 1                                                |            |               |           |              |              |              |      |
|                       | Σχ           | <del></del>                           | <del></del> | <del></del>    | No. Obs.         | <del> </del>                                     |            | Maga Nr       | f House   | ith Tempera  |              |              |      |
| Element (X)           | 407277       | 2 x<br>9 64037<br>4 -11172            | 7) a        | 8.893          | 891              | = 0 F                                            | - 30 E     | Mean No. o    | + Hours w | ≥ 80 F       | 2 93 F       | -            | otal |
| Rel. Hum.             | 33414        | 4 -11172                              | -12.01      | 6.678          | 930              | 75.1                                             | 92.7       |               | e /3 P    | 1 200 1      | + 2 73 7     |              | OTG! |
| Dry Bulb              | 27467        | 4 29017                               | -11-1       | 3.391          | <del>- 892</del> | 74.4                                             | 92.7       |               |           | <del> </del> | <del> </del> |              |      |
| Wer Bulb<br>Dew Point | 46245        |                                       | -17.41      | 6.572          | - <del>892</del> | 81.2                                             | 93.0       |               |           |              | <del> </del> |              |      |
| Dew Point             |              |                                       |             |                |                  |                                                  |            |               |           |              |              |              |      |

57-66

## PSYCHROMETRIC SUMMARY

FIRT SMITH WAT DIST ANY 26102 STATION 57-66 YEARS 1800-2000 HOURS 11, 5, T. PAGE 1

| Temp.       |          |       | -     |              |       | WET     | BULB 7 | remper | RATUR        | E DEP          | ESSIO    | N (F)    |         |      |         |                                                  |           |        | TOTAL        | . i              |     | TAL |                |
|-------------|----------|-------|-------|--------------|-------|---------|--------|--------|--------------|----------------|----------|----------|---------|------|---------|--------------------------------------------------|-----------|--------|--------------|------------------|-----|-----|----------------|
| (F)         | 0        | 1 - 2 | 3 - 4 | 5 - 6        | 7 - 8 |         |        |        |              |                |          |          | - 22 23 | . 24 | 25 - 26 | 27 - 28                                          | 8 29 - 3  | 0 231  |              | Dry Bull         |     |     | ew Point       |
| 40/ 39      | •        |       | • 1   |              |       |         | ·      |        | i            | 1              |          |          | (       |      |         | <u> </u>                                         | 1         |        |              | 1                | , t | •   |                |
| 38/ 37      |          |       | • 1   |              | i     |         | į      |        |              | j              | 1        |          |         |      |         |                                                  |           |        | i            | 1                | 1   |     |                |
| 36/ 35      |          |       | • 1   | . 1          |       |         |        |        |              | :              |          |          |         |      |         |                                                  | -j        | 1      |              | •                | 2   | 1   | -              |
| 34/ 33      |          |       | . 1   |              | 1     | į       | ,      |        | i            |                | 1        |          |         |      |         |                                                  | 1         | 1      |              | 1                | 1   | 2   |                |
| 32/ 31      |          | • 1   |       |              |       |         |        |        |              | -              | -        |          |         |      |         |                                                  | † · · · · |        | <del> </del> | 1                | i – | 1   | 1              |
| 307 29      | i        | . 2   |       |              | . !   |         | · i    | i      |              |                |          | ĺ        |         |      |         |                                                  |           |        | 1 :          | 2 :              | 2   | 2   | 2              |
| 28/ 27      |          | . 2   |       |              |       |         |        |        |              | <del> </del> - | <u> </u> | $\neg$   | -       |      |         |                                                  |           | 1      | + :          | 2                | 2   | 3   | <del>-</del> - |
| 26/ 25      |          | . 4   |       |              |       |         |        |        | i            |                |          | - 1      |         |      |         |                                                  |           |        | 1            | 3                | 3   | 2.  | 3              |
| 24/ 23      |          | • 1   |       |              |       |         |        |        |              | <del> </del> - | 1        | $\neg$   |         |      |         | -                                                | †         | 1      |              | 1                | 1   | 3   | 2              |
| 22/ 21      | • 1      | . 2   |       |              |       |         | i<br>i |        |              |                |          |          |         | i    |         | !                                                |           |        |              | 3                | 3   | 1   | 6              |
| 20/ 19      | . 4      | • 1   |       |              |       |         |        |        |              |                | 1        |          |         |      |         | <del>                                     </del> |           |        | ٠.           | 4                | 4   | - 5 | 1              |
| 18/ 17      | • 5      | • 2   |       |              |       |         | :      |        |              |                | 1        | - 1      |         | 1    |         |                                                  | 1         | 1      |              | 5 <sup>;</sup> ( | 5.  | 5   | 1              |
| 16/ 15      | .7       | . 2   |       |              |       |         |        |        | <del> </del> |                | 1        | 1        |         |      |         |                                                  |           | 1      | Ť            | ਕ (              | 3   | 9.  | 4              |
| 14/ 13      | . 0      | . 5   |       |              |       |         | i      |        | I<br>I       |                |          | ı        | -       | ļ    |         | j                                                | i         |        | į į          | 9) (             | 9   | 6   | 6              |
| [12/ 17]    | 1.2      | • 1   |       |              |       |         |        |        | i            | 1              |          |          | ;-      |      |         |                                                  | i         |        | 1            | 1                | ĪΪ  | 14  | 11             |
| 10/ 9       | . 5      | . 7   |       |              | . i   |         | •      |        |              |                |          | i        | i       |      |         |                                                  |           |        | 1            |                  |     | 5,  | 9              |
| 8/ 7        | T•1,     | . 5   |       |              |       |         |        |        | i            |                |          |          |         |      |         |                                                  |           |        | 1            |                  | 5   | 18  | 9              |
| 6/ 5        | 2.7      | . 7   |       |              |       |         | :      |        |              |                |          |          | j       | }    |         |                                                  |           |        | 2            |                  |     | 28  | 2              |
| 4/3         | 1.7      | . 4   |       |              |       |         | i      |        |              |                |          |          |         |      |         |                                                  |           |        | T            | 7                | 7   | 17  | 16             |
| 2/ 1        | 2.2      | . 7   |       |              |       |         | 1      |        | i<br>1       | . L            |          |          |         |      |         |                                                  |           |        | 2            |                  |     | 26  | 27             |
| 07 =1       | 3.3      | , 8   |       |              |       |         | i      |        |              |                |          |          |         |      |         |                                                  |           |        | 3            |                  | 7   | 30  | 18             |
| -2/ -3      | 3.5      | 1.0   |       |              |       |         | !      |        |              |                |          |          |         |      |         |                                                  |           |        | 3            |                  |     | 38  | 15             |
| -4/ -5      | 3.6      | • 6   |       |              |       |         | i      |        |              |                |          |          |         |      |         |                                                  | Ţ-        |        | 3            |                  |     | 39  | 24             |
| -6/ -7      | 4 + 2    | . 8   |       |              |       |         |        |        |              |                |          |          |         |      |         |                                                  | <u> </u>  |        | 4            |                  |     | 41  | 27             |
| -87 -9      | 5.5      | . 6   |       |              |       |         |        |        |              |                |          |          |         |      |         |                                                  |           |        | 5            | - 1              | -   | 52  | 41             |
| -10/-11     | 3.7      | . 7   |       |              |       |         | :<br>4 |        | İ            | <u> </u>       |          |          |         |      |         |                                                  |           |        | 3            |                  |     | 35  | 34             |
| -12/-13     | 5.5      | 1 - 1 |       | I            | :     |         | İ      |        | ļ            |                | ĺ        |          |         |      |         |                                                  |           |        | 5            |                  | - 1 | 53  | 41             |
| -14/-15     | 3.6      | • 2   |       | ļ <u>—</u>   | L     |         |        |        | <u></u>      | <u></u> .      |          |          |         |      |         |                                                  |           |        | 3            |                  |     | 35  | 40             |
| -16/-17     | 4.9      | . 5   |       |              |       |         |        |        | İ            |                |          |          |         | ł    |         |                                                  |           |        | 4            |                  | - 1 | 44  | 34             |
| -18/-19     | 5.1      | . 7   |       | :<br>• • • • | ļ     |         | ļ      |        |              | <u> </u>       |          |          |         |      |         | <u> </u>                                         |           |        | 4            |                  | - I | 49  | 41             |
| -20/-21     | 5.4      | . 5   |       | ı            |       |         |        |        | 1            |                |          |          |         |      |         |                                                  | 1         |        | 50           |                  | - 1 | 50  | 46             |
| -22/-23     | 4.9      | • 1   |       | l            |       |         |        |        |              | 1              |          |          |         |      |         | L                                                | 1.        | 1      | 4            |                  | - 1 | 44  | 39             |
| -24/-25     | 3.3      | • 1   |       |              |       |         |        |        |              |                |          |          |         | 1    |         |                                                  |           | 1      | 2            |                  |     | 29  | 50             |
| -26/-27     | 3.9      | . 4   |       | -            |       |         | l      |        |              | 1              |          |          |         |      |         |                                                  |           |        | 3            |                  | 5   | 33  | 37             |
| Element (X) |          | X,    |       |              | ž X   | _ _     | X      |        |              | No. (          | bs.      |          |         | ,    |         |                                                  |           |        | th Temper    |                  |     |     |                |
| Rel. Hum.   |          |       |       |              |       | $\perp$ |        |        | $\perp$      |                |          | <u> </u> | ± 0 F   |      | 32 F    | ≥ 6                                              | 7 F       | ≥ 73 F | ≥ 80 F       | ≥ 93             | F   | Tot | rol            |
| Dry Bulb    |          |       |       | ↓            |       |         |        |        |              |                |          | 4        |         | _    |         |                                                  |           |        |              |                  |     |     |                |
| Wet Bulb    | ļ        |       |       |              |       |         |        |        |              |                |          | 4        |         | 1_   |         | <u> </u>                                         |           |        | <b>_</b>     |                  |     |     |                |
| Dew Point   | <u> </u> |       |       |              |       |         |        |        |              |                |          |          |         |      |         |                                                  |           |        |              |                  |     |     |                |

USAFETAC FORM 0.26 5 (OLA)

MATA PROCESSING DIVISION JSAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DOT APT JAN MONTH STATION NAME 1800-2000 PAGE 2 PAGE

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

(F)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 D.B. W.B. Dry

-28/-29 4 3 1

-30/-31 4 2 1

-37/-33 2 -3 HOURS .. S. T. TOTAL Bulb Wet Bulb Dew Poin 37 36 39 54 36 41 -32/-33 2 . Z 78 18 -34/-35 -36/-37 20 38 46 =36/=39 =40/=41 =42/=43 =44/=45 19 15 19 8 11 3 4 6 -46/-47 B 2 -48/-49 -50/-51 TUTAL 4.814.8 4. 930 830 830 No. Obs. Element (X) Mean No. of Hours with Temperature 60733 73.2 8.220 -13520 -14.515.749 -9665 -11.613.542 830 4499985 Rel. Hum. 10 F 92.5 93 426962 930 Dry Bulb 764563 630 76.3 Wet Bulb 433774 -14726 -17.714.425 93 Dew Point

57-66

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ã 0, 0.26.5 FORM JUL 64

FORT SMITH NAT DOT APT

## **PSYCHROMETRIC SUMMARY**

JAN

| STATUM    |     |                |       | 51       | ATION N | AME          |                                                  |         |              |          |         |         |         | ۷:               | E ARS                                            |              |                | PAG         | F 1      | 2100<br>HOURS ( | -230  |
|-----------|-----|----------------|-------|----------|---------|--------------|--------------------------------------------------|---------|--------------|----------|---------|---------|---------|------------------|--------------------------------------------------|--------------|----------------|-------------|----------|-----------------|-------|
| Temp.     |     |                | _     |          |         | WET          | BULBT                                            | EMPER   | ATURE        | DEPRE    | SSION ( | F)      |         |                  |                                                  |              |                | TOTAL       |          | TOTAL           |       |
| (F)       | 0   | 1 - 2          | 3 - 4 | 5 - 6    | 7 - 8   | 9 - 10       | 11 - 12                                          | 13 - 14 | 15 - 16      | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26          | 27 - 28                                          | 29 - 30      | 0 → 31         | D.B. W.B.   | Dry Bulb | Wet Bulb        | Dew P |
| 0/ 39     |     |                |       | - I      |         | !            |                                                  |         |              |          |         |         |         | 1                | † · · · ·                                        | t            | †              | 1           | 1        |                 |       |
| 16/ 37    |     |                | . 1   |          |         |              |                                                  |         |              | 1        |         | ĺ       |         | ĺ                |                                                  | [            |                | 1           | i i      |                 |       |
| 67 35     | •   | . 4            | • 1   | <u> </u> |         |              |                                                  |         | <del> </del> |          |         |         |         | ·                | <del> </del> -                                   |              | <del> </del>   | +- <u>-</u> | <u>`</u> |                 |       |
| 4/ 33     |     | 4 -            | • •   | 1 .      |         |              |                                                  |         | 1            |          |         |         |         | 1                | ļ                                                |              |                | 1           | _        | ,               |       |
|           |     |                |       |          |         |              |                                                  |         |              |          |         |         |         | <b>_</b>         |                                                  | ļ            | ļ              | ļ           |          |                 |       |
| 2/ 31     |     | -14            |       | : !      |         | ļ            | 1 1                                              |         | ĺ            |          |         | 1       |         | 1                |                                                  |              | ļ.             | 1 -         | _        | 1               |       |
| C/ 50     |     | . 3            |       |          |         |              |                                                  | _       |              |          |         |         |         | 1                | ì                                                |              | 1              | 2           | 2        |                 |       |
| 87 27     |     | 5              |       |          |         |              |                                                  |         | _            |          |         |         |         | ·                |                                                  | T            | i              | 4           | 4        | 75              |       |
| 6/ 25     |     | . 5            |       | 1        |         |              | i i                                              |         |              |          |         |         |         |                  | ĺ                                                | ĺ            |                | 4           | 4        | 2               |       |
| 4/ 23     | .4  | • L            |       |          |         | !            |                                                  |         |              |          |         |         |         |                  | !                                                | -            | 1              | 4           | 4        | 6               |       |
| 2/ 21     |     | . 1            |       | :        |         |              |                                                  |         |              |          |         |         |         | 1                | ĺ                                                | [            |                | 1           | 1        | 1               |       |
| 0/ 19     |     |                |       | 1        |         | <del> </del> |                                                  |         | <u> </u>     | <u> </u> |         |         |         | <del> </del>     | <del></del>                                      |              | +              | +           |          |                 |       |
| 8/ 17     |     | . 4            |       |          |         | 1            |                                                  |         |              | J        |         |         |         | 1                | 1                                                |              |                | 3           | 1        | ,               |       |
| 0/ 15     |     |                |       | -        |         |              |                                                  |         |              |          |         |         |         | <del>  -</del> - | <del></del>                                      | <b>├</b> ──  | <del></del>    | - 3         | 2        | 3               |       |
| 4/ 13     | 1.0 | . 6            |       | 1        |         | ļ            |                                                  |         |              |          |         |         |         | 1                | ļ                                                | i            |                |             | _        |                 |       |
| _         |     | 1              |       | 1        |         |              | ļ                                                |         |              |          |         |         |         | <u> </u>         |                                                  | ļ            |                | 13          | 13       |                 |       |
| S/ 11     | 1.0 | . 4            |       | :        |         |              |                                                  |         |              |          |         | į       |         | )                |                                                  | 1            | 1              | 11          | 11       | 11              |       |
| 0/ 9      | . 6 | . 5            |       |          |         | Ì            | }                                                |         |              |          |         | ı       |         | 1                | 1                                                | ĺ            |                | 9           | 9        | 9               |       |
| 87 7      | 1.0 | 1.4            |       |          |         | i            |                                                  |         |              |          |         |         |         |                  |                                                  |              |                | 19          | 19       | 15              |       |
| 6/ 5      | 2.4 | 1.1            | • 1   | 1        |         | 1            | i I                                              |         |              |          |         | 1       |         |                  |                                                  |              |                | 29          | 29       | 31              |       |
| 47 3      | 2.0 | . 3            |       |          |         | <del></del>  | <del>                                     </del> |         |              |          |         |         |         | <del></del>      | _                                                | <del></del>  | <del> </del>   | 20          | 26       | 22              |       |
| 2/ 1      | 1.4 | . 5            |       | 1        |         | l            |                                                  |         | ļ            | i .      |         | J       |         | J                | j                                                | ]            |                | 15          | 15       | 15              |       |
| 07 -T     | 3.6 | 1.9            |       |          |         |              | <del>                                     </del> |         |              |          |         |         |         | <del></del>      | <del>                                     </del> |              | <b>├</b> -     | 44          | 44       | 35              |       |
| 2/ -3     | 3.1 | . 8            |       | !        |         |              | l i                                              |         |              |          |         |         |         | İ                |                                                  |              | 1              | 31          | 31       | 40              |       |
| 47 -5     | 2.9 | 1.3            |       | ·        |         |              |                                                  |         |              |          |         |         |         | ļ                | ļ                                                | ļ <u> </u>   |                | 33          | 33       | 32              |       |
|           |     |                |       |          |         |              |                                                  |         |              |          | i       | 1       |         |                  |                                                  |              | ŀ              |             |          |                 |       |
| 6/ -7     | 3.9 | - 0            |       | L        |         |              | L                                                |         |              | L        |         |         |         | <u> </u>         |                                                  | L            | <b>↓</b>       | 36          | 36       | 36              | :     |
| 8/ -9     | 4.6 | 1.3            |       | i i      |         | ł            | 1 1                                              |         |              |          |         | ļ       |         |                  | )                                                | ļ            | 1              | 47          | 47       | 47              |       |
| 0/-11     | 5.0 | . 4            |       |          |         |              |                                                  |         |              |          |         | i       |         | 1                |                                                  | l            | 1              | 43          | 43       | 43              |       |
| 2/-13     | 3.3 | . 9            |       | 1        |         |              |                                                  |         |              |          |         |         |         |                  |                                                  |              |                | 33          | 33       | 35              | 7     |
| 4/-15     | 5.1 | . 8            |       | i<br>I . | i       | l            | 1 1                                              |         | 1            |          |         | ļ       |         |                  | ]                                                | ļ            | 1              | 47          | 47       | 46              | :     |
| 67-17     | 4.3 | . 5            |       | i        |         |              |                                                  |         |              |          |         |         |         |                  | <del>                                     </del> | †            | 1              | 38          | 38       | 38              |       |
| 8/=19     | 5.0 | . 4            |       |          | i       |              |                                                  |         | 1            |          |         |         |         | 1                |                                                  |              | 1              | 43          | 43       | 43              | i     |
| 0/-21     | 5,6 | 3              |       |          |         | L            | <del>   </del>                                   |         |              |          |         |         |         | <del> </del>     |                                                  | <del> </del> | <del> </del> - | 47          | 48       | 47              |       |
| 2/-23     | 4.3 | .1             |       |          |         |              |                                                  |         |              |          |         | 1       |         |                  |                                                  | ł            |                | 35          | 35       | 36              |       |
|           |     |                |       | i        | L       | ļ            |                                                  |         |              | L        |         |         |         | <del> </del> -   | ļ                                                |              | <b>_</b>       | _           | 1        |                 |       |
| 47-25     | 4,4 | •1             |       |          | 1       | 1            |                                                  |         | l            |          |         | ļ       |         | 1                | 1                                                | ļ            | 1              | 36          | 36       | 37              |       |
| 6/-27     | 5.1 | • 3            |       |          |         |              |                                                  |         |              |          |         |         |         |                  |                                                  |              |                | 43          | 44       | 41              |       |
| ement (X) |     | X <sup>2</sup> |       | i        | Σχ      |              | X                                                | ø,x     |              | No. Ob   | s.      |         |         |                  | Mean                                             | No. of H     | ours wit       | h Tempera   | ure      |                 |       |
| l. Hum,   |     |                |       |          |         |              |                                                  |         | 7            |          |         | = 0 1   | • T     | - 32 F           | ≥ 67                                             | F            | 73 F           | ≥ 80 F      | ≥ 93 €   |                 | otal  |
| y Bulb    |     |                |       | ·        |         |              |                                                  |         |              |          |         |         | $\neg$  |                  |                                                  |              |                |             | 1        |                 |       |
| er Bulb   |     |                |       | i        |         |              |                                                  |         |              |          |         |         | +       |                  | <del>                                     </del> |              |                |             | 1        |                 |       |
|           | _   | _              |       | k        |         |              |                                                  |         | ·            |          |         |         |         |                  |                                                  |              |                |             |          |                 |       |

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USAFETAC FORM 0.26-5 (OL A)

26102

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NET DOT APT

#### **PSYCHROMETRIC SUMMARY**

. . . . 1.

JAN

STATION PAGE 2 2100=2300
HOWS ...S. T.

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

28/-29 3.0 .5 .5 .7 .8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point

30/-31 4.5 .1

32/-33 3.0 .1

34/-35 1.3 .1

36/-27 STATION NAME MONTH 15 28 21 -36/-37 =38/=39 =40/=41 =42/=43 =44/=45 28 27 22 15 11 -46/-47 -48/-49 5 -50/-51 -52/-53 ĩ -54/-55 -56/-57 02.017.5 .4 TOTAL 930 799 799 2x x x x x 58624 73.4 8.463 -14551 -15.616.425 -9428 -11.813.716 No. Obs. Mean No. of Hours with Temperature 4158504 = 0 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ≤ 32 F 478293 261368 930 799 78.8 92.4 76.7 92.4 Dry Bulb 93 Wet Bulb 93 424976 82.1 -14230 -17.814.662 Dew Point

57-66

C FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THE FORM ARE DISCUERE

DATA PROCESSING DIVISION USAF ETAL AIR WEATHER SEFVICE/MAC

FORT SMITH NWT DOT APT

STATION NAME

 $\underset{=}{\overset{26102}{\sim}}_{\mathbb{Q}_{4},\overset{2}{\overline{\mathbf{A}}^{\ast}},\overset{2}{\mathbb{Q}_{N}}}=$ 

# **PSYCHROMETRIC SUMMARY**

FEB -

|            |           |             |              |                |        |         |              |              |              |                                                  |                                                  |                                                  |              |              |            |               | PAGE         | 1            | HOURS    | €020   |
|------------|-----------|-------------|--------------|----------------|--------|---------|--------------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|------------|---------------|--------------|--------------|----------|--------|
| Temp.      |           |             | ,            |                | WET    | BULB .  | TEMPER       | ATURE        | DEPR         | ESSION                                           | (F)                                              |                                                  |              |              |            |               | TOTAL        |              | TOTAL    |        |
| (F)        | 0 1 2     | <del></del> | 5 - 6        | 7 - 8          | 9 - 10 | 11 - 12 | 13 - 14      | 15 - 16      | 17 - 18      | 19 - 2                                           | 0 21 - 22                                        | 23 - 2                                           | 25 - 26      | 5 27 - 2     | 8 29 -     | 30 ≥ 31       | D.B. W.B.    | Dry Bulb     | Wet Bulb | Dew Po |
| 36/ 35     | •         |             | 1            |                |        | 1       |              | 1            | ļ            | 1                                                | 1                                                | j                                                | 1            | }            |            | ļ             | 1            | 1            | j        |        |
| 34/ 33     | •         | 1           |              |                |        |         | <u>L</u>     | Ĺ            |              | <u> </u>                                         |                                                  | Ĺ                                                | l            |              |            |               | 1            | 1            | 1        |        |
| 32/ 31     | • :       |             |              | i 1            |        | į       | ļ            | į            | 1            |                                                  | ĺ                                                | Ī                                                |              |              |            |               | 5            | 2            | 1        |        |
| 30/ 29     | _ : . • ' | • 1         | • 1          |                |        | 1       | Į            | 1            | 1.           |                                                  |                                                  |                                                  |              | i            |            |               | 5            | 5            | 2        | 1      |
| 28/ 27     | . 3       | 1           | i            |                |        |         |              |              |              |                                                  |                                                  |                                                  | 1            | F            |            |               | 3            | 3            | 6        | 1      |
| 26/ 25     | •         | L           | ĺ            |                |        |         | ĺ            | ĺ            | i            | 1                                                | 1                                                | l                                                | 1            | 1            | 1          | l             | 1            | 1            | 2        | 2      |
| 24/ 23     |           | 7           |              |                |        | i       |              |              |              |                                                  | 1                                                |                                                  | 1            | 1            |            | 1             | 5            | 5            | 1        |        |
| 22/ 21     | •4 1•     | <b>L</b> ¦  |              | i              |        | ]       |              | ļ            |              | 1                                                | 1                                                |                                                  |              |              |            |               | 11           | 11           | 13       | i      |
| 20/ 19     | .91.      | 7           | !            | 1              |        |         |              | 1            | -            | 1                                                | 1                                                | <u> </u>                                         | 1            |              | +          |               | 20           | 20           | 16       |        |
| 18/ 17     | 1.4 1.6   | 5           | 1            |                |        | l       | 1            | 1            | 1            | 1                                                | 1                                                |                                                  |              | 1            | i          | 1             | 23           | 23           | 28       | 1      |
| 16/ 15     | 1.3       | 5           | <u> </u>     |                |        |         |              |              | 1            | 1                                                |                                                  |                                                  | 1            | † · · ·      | 1          | <del></del>   | 14           | 14           | 15       |        |
| 14/ 13.    | 1.6       | 7           |              |                |        |         | ĺ            |              |              |                                                  |                                                  | ļ                                                |              |              |            |               | 17           | 17           | 13       |        |
| 12/ 11     | 1.4       | *           | 1            | ! !            |        |         |              |              |              | <del>                                     </del> |                                                  | <del>                                     </del> | +            | <del> </del> | +          |               | 15           | 15           |          |        |
| 10/ 9      | 9 1.      |             | 1            | 1 1            |        |         |              |              | (            | ĺ                                                | Ì                                                |                                                  | 1            |              |            | i             | 20           | 20           |          |        |
| 8/ 7       | 1.6       |             | <del></del>  | 1              |        |         | <b>-</b>     | -            | <u>†</u>     | 1                                                | +                                                | $\vdash$                                         | +            | <del> </del> | +          |               | 18           | 18           |          |        |
| 6/ 5       | 2.5 1.    |             |              |                |        |         |              | İ            | Ì            |                                                  |                                                  |                                                  |              |              | ì          | 1             | 27           | 27           |          |        |
| 4/ 3       | 9 ,       |             | 1            | <del>   </del> |        |         | <u> </u>     |              | -            | +                                                | +                                                | -                                                | <del> </del> | +            | +-         | -+            | 14           | 14           |          |        |
| 2/ 1       | 1.7       |             | İ            |                |        |         | 1            |              | İ            |                                                  | 1                                                |                                                  | 1            | ļ            |            | 1             | 17           | 17           |          |        |
| 07 -1      | 3.6       |             | ·            |                |        |         | <del> </del> |              | <del> </del> | <del> </del>                                     | +                                                |                                                  | -            | +            | +-         |               | 29           | 29           |          |        |
| 2/ -3      | 4.9 1.    |             | į            |                | 1      |         |              |              |              | !                                                |                                                  |                                                  |              | I            |            |               | 46           | 46           |          |        |
| 47 -5      | 5.5       |             |              | <del> </del>   |        |         |              |              | <del> </del> |                                                  | <del> </del>                                     |                                                  | -            |              | <b>∔</b> — |               | 47           | 47           |          |        |
| -6/ -7     | 2.4       |             | ì            |                |        |         | 1            |              | ĺ            |                                                  | 1                                                | i                                                | ļ            |              | 1          |               | 22           | 22           |          |        |
| 8/ -9      | 2.5       |             |              |                |        |         | <b>!</b>     | <del> </del> | <u> </u>     |                                                  |                                                  | <u> </u>                                         | <b>↓</b>     | +            | +          | <del></del> - | 24           | 24           |          |        |
| 10/-11     | 3.3       |             | į            | 1              |        |         |              | ĺ            |              | 1                                                | ĺ                                                | ĺ                                                | ĺ            |              | 1          | ĺ             | 27           | 27           |          |        |
| 2/-13      | 2.8       |             |              |                |        |         |              |              | <b>├</b> -   | <u> </u>                                         | <del></del>                                      | <u> </u>                                         | <b>_</b>     | +            | ↓          |               | 23           | 23           |          |        |
| 14/-15     | 3.9       |             | İ            |                |        |         | l            | t            |              | 1                                                |                                                  |                                                  | ļ            |              |            |               | 34           | 34           |          |        |
| 16/-17     | 1         |             | ļ            |                |        |         | ļ            | ļ            | <b>_</b>     | -                                                |                                                  | <u> </u>                                         | ļ            | —            | <u> </u>   |               |              |              |          |        |
|            |           |             | 1            |                |        | ł       | 1            | l            | 1            | ļ                                                | 1                                                | ŀ                                                | i i          | j.           | 1          | - 1           | 23           | 23           |          |        |
| 18/-19     | 6.1       |             | <del> </del> |                |        |         | ļ            |              | ļ            | <u> </u>                                         |                                                  |                                                  | ļ            | <u> </u>     |            |               | 39           | 39           |          |        |
| 20/-21     |           | 7           |              |                |        | ĺ       |              | 1            |              |                                                  | -                                                |                                                  |              |              |            |               | 48           | 48           |          |        |
| 22/-23     | 4.1       |             | ļ <u>-</u>   |                |        |         |              |              | <u> </u>     |                                                  |                                                  | L                                                | <u> </u>     |              |            |               | 31           | 31           |          |        |
| 24/-25     | 3.6       | 9           | 1            | ) ]            |        | ļ       |              | J            |              |                                                  |                                                  | -                                                | i            |              |            |               | 29           | 29           |          |        |
| 26/-27     | 5.4       |             | l            |                |        |         |              |              |              | l                                                |                                                  |                                                  |              | <u></u>      |            | _/_           | 41           | 41           |          |        |
| 8/-29      | 4.5       |             | i            | 1              |        |         |              |              |              |                                                  |                                                  |                                                  |              |              |            | 1             | 35           | 35           |          |        |
| 30/-31     | 2.2 .4    | •           | 1            | <u></u> i      |        |         |              |              |              |                                                  |                                                  |                                                  |              |              | <u>i</u>   |               | 20           | 20           | 20       | 2      |
| lement (X) | Σχ²       |             | i            | Σχ             |        | ¥       | <b>₹</b>     |              | No. O        | bs.                                              |                                                  |                                                  |              | Mean         | No. of     | Hours wi      | th Temperatu | re           |          |        |
| el. Hum.   |           |             | i            |                |        |         |              |              |              |                                                  | = 0                                              | F                                                | : 32 F       | ≥ 6          | 7 F        | ≥ 73 F        | - 80 F       | e 93 i       | F        | Total  |
| ry Bulb    |           |             |              |                |        |         |              |              |              |                                                  |                                                  |                                                  |              |              |            |               |              |              |          |        |
| Vet Bulb   |           |             | 1            |                |        |         | 1            |              |              |                                                  |                                                  |                                                  |              |              |            |               | 1            |              |          |        |
| Dew Point  |           |             |              |                |        |         | 1            |              |              |                                                  | <del>                                     </del> |                                                  |              |              |            |               | ·            | <del> </del> | -+-      |        |

57-66

USAFETAC FORM 0.26-5 (OL.A) REVISIO MENIOUS EDITIONS OF THIS FORM ARE OBSOILTE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SEPVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DOT APT 57-66 FEB STATION NAME MONTH PAGE 2 0000-0200 WET BULB TEMPERATURE DEPRESSION (F)

(F)

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bull Dew Point Company (Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Compan 43 =34/=35 =36/=37 10 26 28 16 =38/=39 =40/=41 15 15 12 -42/-43 16 -44/-45 4 -46/-47 -48/-49 -50/-51 TOTAL 70.019.6 760 760 760 BEVISED PREVIOUS EDITIONS OF 0-26-5 (OL A) FORM JUL 64 No. Obs. 75.0 8,528 Mean No. of Hours with Temperature Element (X) 4331698 37010 Rel. Hum. ± 0 F ± 32 F 62.8 83.8 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total =9644 =11.418.038 =6345 =8.315.750 =10615 =14.016.946 384878 846 84 Dry Bulb 60.8 241261 760 83.9 84 Wet Bulb 760 366217 84.0 84 65.7

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 102          | FURT SA      | 11TH         |       | -       |          |              |         |          | 57-     | 66      |                                                  |        |          |        |        |                |          |                                                   |            |            | 8     |
|--------------|--------------|--------------|-------|---------|----------|--------------|---------|----------|---------|---------|--------------------------------------------------|--------|----------|--------|--------|----------------|----------|---------------------------------------------------|------------|------------|-------|
| STAT ON      |              |              | ST    | ATION N | AME      |              |         |          |         |         |                                                  |        |          | YE     | ARS    |                |          | PAGE                                              | 1          | 0300       | -050  |
| Temp.        |              |              |       |         |          |              | TEMPER  |          |         |         |                                                  |        |          |        |        |                |          | TOTAL                                             |            | TOTAL      |       |
| ( <b>F</b> ) | 0 1 - 2      | 3 - 4        | 5 - 6 | 7 - 8   | 9 - 10   | 11 - 12      | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20 | 21 - 2                                           | 2 23 - | 24 2     | 5 - 26 | 27 - 2 | 8 29 - 3       | 30 231   | D.B. W.B.                                         | Dry Bulb   | Wet Bulb   | Dew P |
| 0/ 39        | • 3          |              |       |         |          |              | i       |          |         |         |                                                  | 7      |          |        |        | 1              |          | 2                                                 | 2          | 2          |       |
| 38/ 37       | i .          | . 1          | 1     |         |          | }            |         |          | 1       | )       | j                                                |        | ļ        |        |        |                |          | 1                                                 | 1          |            |       |
| 34/ 33       |              |              |       |         |          |              | !       |          |         |         |                                                  |        |          |        |        |                |          |                                                   |            | 1          |       |
| 10/ 29       | . <b>1</b> i | Í            | - 1   |         | l        | 1            | İ       |          | ĺ       | (       |                                                  | 1      | 1        |        |        | į              | 1        | 1                                                 | 1          |            |       |
| 8/ 27        | .1 .3        | . 3          |       |         |          |              |         |          |         | 1       |                                                  |        |          |        |        | T              |          | 5                                                 | 3          | 3          |       |
| 6/ 23        | ւկ . 3       | 1            |       |         |          |              | 1       | i        |         | 1       | ļ                                                |        | -        |        |        | 1              |          | 3                                                 | 3          | i <b>4</b> |       |
| 4/ 23        | . 5          |              |       |         | 1        |              |         | i        | T       | T       | 1                                                | 1      |          |        |        |                |          | 4                                                 | 4          | 3          |       |
| 2/ 21        | .4 .7        |              | i     |         | į        |              | ļ       | j        |         | }       | ,                                                | j      | - 1      |        |        |                |          | 8                                                 | 8          |            |       |
| C/ 19        | .8 1.4       | +            |       |         |          |              |         |          |         |         | T                                                | T      | 1        |        |        |                |          | 16                                                | 16         |            |       |
| 8/ 17        | 1.1 1.1      | 1            | Ì     |         | 1        | 1            | 1       | 1        | }       | 1       |                                                  |        | i        |        | 1      | 1              |          | 16                                                | ì6         |            |       |
| 6/ 15:       | 2.3 1.1      | $\neg$       |       |         |          |              |         | ļ —      |         |         |                                                  | ヿ゠     |          |        |        |                | 1        | 25                                                | 25         |            |       |
| 4/ 13        | 1.5 .7       | 1            |       |         |          |              |         | 1        |         | l       |                                                  | İ      | i        |        |        |                | 1        | 16                                                | 16         |            |       |
| 2/ 11        | 1.4 .7       |              |       |         |          |              |         |          |         |         | 1                                                | 7      |          |        |        |                |          | 15                                                | 15         | 19         |       |
| 0/ 9         | 1.5 .7       | }            | 1     |         | }        | }            | j.      | )        | ]       | j       |                                                  | 1      | 1        |        |        |                | į        | 16                                                | 16         |            |       |
| 8/ 7:        | 2.4 .9       |              |       |         |          |              |         | T        | 1       |         | 1                                                | 1      |          |        |        |                |          | 25                                                | 25         | 21         |       |
| 6/ 5         | 2.2 .9       |              | í     |         | l        | l            | Ì       | ł        |         | ł       |                                                  | !      | i        |        |        | į              | i        | 23                                                | 23         |            |       |
| 47 3:        | 1.4 .5       |              |       |         |          |              | j       |          | 1       | 1       | 1                                                | 1      |          |        |        | T              |          | 14                                                | 14         | 12         |       |
| 2/ 1         | 2.2 .3       |              |       |         | 1        |              |         | ļ        |         |         | ĺ                                                | 1      | - {      |        |        | İ              | ľ        | 18                                                | 18         | 22         |       |
| 0/ -1        | 3.5 .5       |              |       |         |          |              | 1       |          |         |         |                                                  | +      | _        |        |        |                |          | 30                                                | 30         | 27         |       |
| 2/ -3:       | 3.4 2.0      |              | )     |         | j        | j            |         |          |         | !       | İ                                                | ĺ      |          |        |        |                |          | 40                                                | <b>4</b> 0 | 32         |       |
| 4/ -5        | 3.9 1.1      | - :          |       |         | <u> </u> | 1            |         |          |         |         |                                                  |        |          |        |        |                | -        | 37                                                | 37         |            |       |
| 6/ -7        | 3.5 .7       |              | ł     |         | l        | Ì            |         | !        | }       | ł       | ł                                                |        | - 1      |        |        |                | - 1      | 31                                                | 31         | 32         |       |
| 87 -91       | 4.2 .7       |              | 1     |         |          | :            | ,       |          | 1       |         | 1                                                | 1      | -        |        |        |                |          | 36                                                | 36         | 37         |       |
| 0/-11        | 2.0          |              | ļ     |         | 1        | 1            | 1       | İ        | ĺ       | [       | ĺ                                                | [      | ĺ        |        |        | i              | ĺ        | 15                                                | 15         | 17         |       |
| 2/=13        | 3.3 .4       | - †          | 1     |         |          | <u> </u>     |         |          | i       | ļ       |                                                  | 1      |          |        | i      | 1              |          | 27                                                | 27         | 25         | _     |
| 4/-15        | 3.3 .1       |              | j     |         |          |              |         |          |         |         | 1                                                |        |          |        |        |                | i        | 25                                                | 25         | 26         |       |
| 6/-17        | 3.9 .7       | <del> </del> |       |         |          |              |         |          | 1       | †       | 1                                                | 1-     |          |        |        | <del> </del>   |          | 34                                                | 34         | 32         |       |
| 8/-19        | 3.1 .5       | į            | ł     |         | }        |              | 1       | į        | ļ       | }       | 1                                                | 1      | }        |        |        | 1              | 1        | 27                                                | 27         | 29         |       |
| 0/=21:       | 4.3          |              |       | _       |          |              |         |          | 1       | t       | <del> </del>                                     | 1      | _        |        |        | $\dagger$      |          | 34                                                | 34         | 34         |       |
| 2/-23        | 6.2 .1       | 1            | ļ     |         |          |              |         |          |         |         |                                                  |        | [        |        |        |                | 1        | 47                                                | 47         |            |       |
| 4/-25        | *• I         |              |       |         | t        | † <i>-</i> - |         |          |         | 1       | <del>                                     </del> | +      | _        | -      | _      |                |          | 30                                                | 30         |            |       |
| 6/-27        | 3.7 .5       | 1            |       |         | İ        | 1            | 1       |          |         | ļ       |                                                  | 1      |          |        |        |                | -        | 31                                                | 31         | 28         |       |
| 8/-29        | 3.5 .3       |              |       |         |          |              |         | 1        |         |         | 1                                                | +      | $\neg$   |        | · -    | 1              |          | 28                                                | 28         | 30         |       |
| 0/-31        | 3.4 .1       | - 1          | ,     |         |          |              | 1       | İ        |         |         |                                                  | }      | Į        |        | )      |                | ļ        | 26                                                | 26         | 26         |       |
| ement (X)    | Z x²         |              |       | žχ      | $\top$   | X            | •,      | <u> </u> | No. O   | bs.     |                                                  |        |          |        | Mean   | No. of         | Hours wi | th Temperatu                                      | 110        |            |       |
| rl. Hum.     |              | 1            |       |         |          |              | ·       |          |         |         | ± (                                              | F      | <u> </u> | 12 F   |        | 7 F            | ≥ 73 F   | → 80 F                                            | ≠ 93       | F 1        | otal  |
| ry Bulb      |              | †            |       |         |          |              |         |          |         |         |                                                  |        |          |        |        | $\neg \dagger$ |          | <del>                                     </del>  |            |            |       |
| er Bulb      | · · — ·      |              |       |         |          |              | 1       |          |         |         |                                                  |        |          |        |        |                |          | 1                                                 | $\top$     |            |       |
| ew Point     | -            |              |       |         |          |              |         |          |         |         |                                                  |        |          |        |        |                |          | <del>                                      </del> | 1          |            |       |

USAFETAC FORM 0.26 5 (OL.A). BEVISTO MEVIOUS COPPIES CORN ARE OBSOITED.

DATA PRUCESSING DIVISION USAF ETAC AIR WEATTER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

26102 FORT SMITH NWT DOT APT 57-66 FEB STAT: ON STATION NAME 0300-0500 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin Temp. (F) 0 -32/-33 2.7 -34/-35 1.4 -36/-37 .3 -38/-39 -4C/-41 -42/-43 -44/-45 -46/-47 -48/-49 20 33 27 20 21 10 10 26 26 17 18 12 20 3 13 3 11 -50/-51 -52/-53 TUTAL 41.418.2 846 737 738 738 ARE OBSOITE No. Obs. 734 Element (X) Mean No. of Hours with Temperature 4216930 10F ± 32 F 420544 63.3 83.7 846 84 Dry Bulb 738 84 Wer Bulb 65.8 83.8 356083 84 Dew Paint

REVISED PREVIOUS EDITIONS OF 0.26-5 (OL A) FORM JUL 64

DATA PROCESSING DIVISION USAF ETAC AIR REATHER SERVICE/MAC

FORT SMITH NWT UST APT

# **PSYCHROMETRIC SUMMARY**

FEB

| STAT IN   |             |                | •                  | STATION N      | <b>LME</b>           |              |                |                |              |              |                                                   |                | YE             | ARS                                              |         |                | PAG         | E 1      | 0600     |        |
|-----------|-------------|----------------|--------------------|----------------|----------------------|--------------|----------------|----------------|--------------|--------------|---------------------------------------------------|----------------|----------------|--------------------------------------------------|---------|----------------|-------------|----------|----------|--------|
| Temp      |             |                |                    |                |                      |              | TEMPER         |                |              |              |                                                   |                |                |                                                  |         |                | TOTAL       |          | TOTAL    |        |
| (F)       | 0           | 1 - 2 3        | -4 5-6             | 7 - 8          | 9 - 10               | 11 - 12      | 13 - 14        | 15 - 16        | 17 - 18      | 19 - 20      | 21 - 22                                           | 23 - 24        | 25 - 26        | 27 - 28                                          | 29 - 30 | e 31           | D.B. W.B.   | Dry Bulb | Wet Bulb | Dew Pe |
| 0/ 39     |             | • 1            | - · ·              | i              |                      |              | † ·            |                | 1            |              | T                                                 |                | 7              | 1                                                |         | 1              | 1           | 7        | g        |        |
| 16/ 37    | • 1:        |                |                    | 1 1            |                      |              | ļ              | ļ              |              |              | Į                                                 |                |                | 1                                                |         |                | 1           |          | 2        | i      |
| 0/ 35     | <del></del> | •              |                    | +              |                      |              | -              | <del> </del>   | <del> </del> | <del> </del> | +                                                 |                | <del> </del>   |                                                  |         | <del> </del>   | 1           |          | 1        | ·      |
| 4/ 33     |             |                |                    |                |                      |              | <b>!</b><br>   |                |              |              | 1                                                 |                |                |                                                  |         | 1              |             | -        | 1        |        |
| 0/ 29     |             |                |                    | +              |                      | ·            | ·              |                |              |              | <del> </del>                                      |                | <del> </del>   | <del></del>                                      |         |                |             |          | ·        | t      |
| 8/ 27     | ε.          | • 1            | ļ                  | ! !            |                      |              | į              | j              | ļ            | 1            |                                                   |                | ì              |                                                  |         | i              | 2           |          | 3        |        |
| 6/ 25     |             |                | +                  | +              |                      |              | <b> </b>       | ļ              |              |              |                                                   |                | ļ              | <b>├</b>                                         |         | <del> </del>   | <del></del> |          | 1-       | ļ<br>  |
| 4/ 23     | • 1         | •              | 1                  | ) }            |                      |              | i              | ļ              |              | 1            | ļ                                                 | ļ              | ]              | , ,                                              |         |                | 1           |          | 3        |        |
|           | - 4         | -1             |                    |                |                      | <u> </u>     |                |                |              |              | ļ                                                 |                | ļ              | <b>├</b>                                         |         | ļ              | -           |          | 3        |        |
| 2/ 21     | -1          | _'             |                    | i i            |                      |              | 1              | l              | 1            | Į            | ł                                                 | ļ              |                | 1 1                                              |         | 1              | 1           | '        | 1 .2     | j      |
| C/ 19     | • 7         | , 8            |                    | <b></b>        |                      |              | <u> </u>       |                | L            |              | <b></b>                                           | L              | <b>└</b>       | 1                                                |         | Ļ              | 11          |          |          |        |
| 8/ 17     |             | 1.2            |                    |                | _                    |              |                |                | į            |              | 1                                                 |                | ì              | 1 7                                              |         | 1              | 19          |          |          | 1      |
| 6/ 13     |             | 1.9            |                    |                |                      |              | <u> </u>       |                |              |              | L                                                 |                | <u> </u>       |                                                  |         | 1              | 28          |          |          |        |
| 47 13     | 1.4         | • 7            |                    |                |                      |              |                |                |              |              | [                                                 | [              |                |                                                  |         |                | 13          |          |          |        |
| 2/ 11     | . 3         | • 1j           | į                  | 1 1            | ١.                   | ļ            | j              | ţ              | }            | J            | ]                                                 |                |                |                                                  |         | İ              | 3           | 1 -      | 11       |        |
| 0/ 9:     | 2.3         | 1.4            |                    |                |                      |              |                |                |              |              | 1                                                 |                |                |                                                  |         |                | 27          | 27       |          |        |
| 8/ 7      | 1.4         | 1.1            | i                  | 1 1            |                      |              | ŀ              | ļ              | ì            |              | }                                                 |                | •              | ) }                                              |         | }              | 20          | 20       | 21       | 1      |
| 67 5      | 2.0         | 1.6            |                    | -              |                      |              |                |                |              |              | <del>                                     </del>  |                | 1              |                                                  |         | <b>-</b>       | 27          | Z        | 26       | 1      |
| 4/ 3      | 1.8         | • 1            |                    |                | '                    | ł            | ł              | ł              | 1            | ł            | }                                                 | 1              | i              | 1 1                                              |         | }              | 14          | 14       | 18       | ) 1    |
| 2/ 1      | 2.7         | .7             |                    | 1              |                      |              |                |                |              | <del> </del> | <del> </del> -                                    |                | <del> </del>   |                                                  |         |                | 23          | 2:       | 22       | 7      |
| 0/ -1     | 4.2         | 1.0            | i                  | 1 1            |                      |              | ĺ              | Ì              | ĺ            | ĺ            | i                                                 | i              | į .            | 1 1                                              |         | 1              | 38          | 3 8      | 38       | 1      |
| 2/ -3     | 1.8         | .7             | · · · · †— · - · · | - <del> </del> |                      | <del></del>  |                |                | +            | <del> </del> | <del>                                      </del> | <del> </del>   | <del> </del>   | <del> </del>                                     |         | <del></del>    | 18          | 18       | 21       | 2      |
| 4/ -5     | 4.6         | 1.5            |                    | 1              |                      |              |                |                | İ            | 1            |                                                   | ĺ              | ĺ              | í f                                              |         |                | 45          |          |          |        |
| 67 -7     |             | 1.1            |                    |                |                      |              |                | <del> </del>   |              |              | <del> </del>                                      | <del> </del> - | <del></del>    | <del>                                     </del> |         | <del></del>    | 34          |          |          |        |
| 8/ -9     | - 1         | 1.d            | -                  |                |                      | !            |                | 1              | 1            |              | 1                                                 |                | -              | , 1                                              |         | 1              | 27          |          |          |        |
| 0/=11     | 2.7         | - 3            |                    | ļ              |                      | <del> </del> |                | <del> </del> - | ┼            | <del> </del> | <del> </del> -                                    |                | <del> </del> - |                                                  |         | <del> </del> - | 22          |          |          |        |
| 2/-13     | 2.0         | . 5            |                    |                |                      |              | ļ              | ļ              | 1            | ł            |                                                   | ŀ              | 1              | 1 !                                              |         | 1              | 19          |          |          |        |
| 4/-15     | 3.8         | 5              |                    |                |                      |              | <b></b> -      |                |              | <b></b>      | <del>-</del>                                      | <del> </del>   | <b>├</b> ──    | $\vdash$                                         |         | <b>├</b>       | 32          |          |          |        |
| 6/-17     | 3.7         | . 5            | į                  | ] !            |                      | ļ            | ]              | )              | ļ            |              | 1                                                 |                | 1              |                                                  |         | 1              | 31          |          |          |        |
| 8/-19     | 1           |                |                    |                |                      | ļ            |                | <b></b>        | <del> </del> | ↓            | <del></del>                                       | ļ              | <del> </del>   | 1                                                |         | <del></del>    | 33          |          |          |        |
|           | 4.1         | . 4            |                    |                |                      | }            | ļ              |                | )            | }            | ]                                                 | ]              | j              | ]                                                |         | 1              |             |          | -        | -      |
| 0/-21     | 4.0         | . 3            | i                  |                |                      | ļ            | L              |                | <u> </u>     | <b></b> _    | ļ                                                 |                | ↓              | 11                                               |         | <b></b>        | 31          |          |          |        |
| 2/-23     | 2.9         | . 3            | 1                  | 1              |                      | ł            | ł              | 1              | }            | }            | }                                                 | 1              | Į              | 1 1                                              |         | 1              | 23          |          |          | _      |
| 4/-25     | 5.3         | . 3            |                    | 1              |                      | L            |                |                |              | L            | <u> </u>                                          |                | <u> </u>       |                                                  |         | L              | 41          |          |          |        |
| 6/-27     | 5.6         | • 1            | 1                  |                |                      | 1            | 1              |                | 1            | { _          | 1                                                 | ! -            | 1              |                                                  |         |                | 42          |          |          |        |
| 8/-29     | 3.5         | • 1            |                    |                |                      | L            |                |                | <u></u>      | L            |                                                   |                | <u> </u>       |                                                  |         |                | 27          | 27       | 27       | 2      |
| ement (X) | ž           | X <sup>2</sup> |                    | Žχ             |                      | X            | σ <sub>μ</sub> |                | No. O        | · 5.         |                                                   |                |                | Mean N                                           | a, of H | ours wit       | h Tempera   | ture     |          |        |
| I. Hum.   |             |                |                    |                |                      |              |                |                |              |              | ± 0                                               | F              | ≤ 32 F         | ≥ 67                                             | F       | 73 F           | ≥ 80 F      | e 93     | F        | Total  |
| ry Bulb   |             |                |                    |                |                      |              |                |                |              |              |                                                   |                |                |                                                  |         |                |             |          |          |        |
| er Bulb   |             |                |                    |                |                      |              |                |                |              |              |                                                   |                |                |                                                  | 7       |                |             |          |          |        |
| ew Point  |             |                |                    |                | $\neg \uparrow \neg$ |              |                | $\neg \neg$    |              |              |                                                   |                |                |                                                  |         |                |             |          |          |        |

57-66

USAFETAC FORM 0.26-5 (OL.A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OISCUEITE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

26102 FORT SMITH NWT DOT APT 57-66 FEB STATION NAME PAGE 2 0600-0800 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F)

1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 23 0.8. W.B. Dry Bulb Wet Bulb Dew Poin 27 28 27 38 21 21 21 36 WET BULB TEMPERATURE DEPRESSION (F) Temp (F) -30/-31 -32/-33 -34/-35 38 36 1.8 • 3 22 35 -36/-37 -38/-39 • 1, 1 25 16 24 13 -40/-41 -42/-43 14 3 -44/-45 19 4 -46/-47 8 -48/-49 -50/-51 8 3 -52/-53 -54/-55 TOTAL 40.119.9 846 733 734 734

2x' 4161543 435990 2 x 54801 74.8 9,385 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F -11066 -13.118.265 -6675 -7.115.661 84 846 63.3 83.6 Dry Bulb 240475 83.7 Wet Bulb 734 60.8 84 -10817 -14.817.092 373469 66.2 83.7 84 Dew Point

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-5 (OL A)

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 26102<br>STATION | -11   | <u> </u> | -11 1 PS |             | TATION N | APT          |              |              |                | 57-                                              | 06                                               |                                                  |          | - · · · · · · · · · · · · · · · · · · · | EARS                                         |       |           |                                                  |          | MOI      | E B   |
|------------------|-------|----------|----------|-------------|----------|--------------|--------------|--------------|----------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|-----------------------------------------|----------------------------------------------|-------|-----------|--------------------------------------------------|----------|----------|-------|
|                  |       |          |          |             |          |              |              |              |                |                                                  |                                                  |                                                  |          |                                         |                                              |       |           | PAGE                                             | 1        | 0900     |       |
| Temp.            |       |          |          |             |          |              |              |              | RATURE         |                                                  |                                                  |                                                  |          |                                         | .,                                           |       |           | TOTAL                                            |          | TOTAL    |       |
| (F)              | 0     | 1 - 2    | 3 - 4    |             |          | 9 - 10       | 11 - 12      | 13 - 14      | 15 - 16        | 17 - 18                                          | 19 - 20                                          | 21 - 22                                          | 23 - 24  | 4 25 - 26                               | 6 27 -                                       | 28 29 | - 30 ≥ 31 | D.B./W.B. D.                                     | y Bulb   | Wet Bulb | Dew F |
| 40/ 39           |       |          |          | . 3         |          |              | }            |              |                | {                                                | {                                                |                                                  |          | 1                                       | 1                                            |       |           | 2                                                | 2        |          |       |
| 38/ 37           |       | • 1      |          |             |          |              | <u> </u>     |              | <del> </del>   |                                                  |                                                  |                                                  |          | —                                       | ┼                                            |       |           | 4                                                |          | 1        |       |
| 34/ 33           | į     | !        | ļ        |             |          |              |              |              |                |                                                  | }                                                |                                                  |          | 1                                       | 1                                            |       |           |                                                  |          | 2        |       |
| 32/ 31           |       | . 1      |          |             |          |              |              | <del> </del> | <del> </del> - | <del> </del>                                     |                                                  | <del> </del>                                     |          |                                         | +                                            |       |           | 1                                                |          | <u>-</u> |       |
| 30/ 29           |       | . 3      |          |             |          | ļ            |              | )            | )              |                                                  | )                                                |                                                  |          | 1                                       | }                                            | 1     |           | 3                                                | 3        | 2        |       |
| 28/ 27           | 1     | . 4      |          |             |          |              | i            |              | <del> </del>   | <u> </u>                                         |                                                  | †                                                |          | +                                       | $\vdash$                                     |       |           | 4                                                | 4        | 2        |       |
| 26/ 25           | - 1   | . 4      | • 1      |             |          | 1            |              | }            |                | )                                                | )                                                | 1                                                |          |                                         | 1                                            |       |           | 5                                                | 5        | 5        |       |
| 24/ 23           | • 1   |          |          |             |          |              |              |              |                |                                                  |                                                  |                                                  |          |                                         | 7                                            |       |           | R                                                | 8        | 3        |       |
| 22/ 21           | . 3   |          |          |             |          |              |              | L            | <u> </u>       |                                                  |                                                  |                                                  |          |                                         |                                              |       |           | 9                                                | 9        | 11       |       |
| 20/ 19           | • 6   |          |          |             |          | ł            |              |              | 1              |                                                  | }                                                | }                                                |          | }                                       |                                              | - {   |           | 14                                               | 14       | 15       |       |
| 18/ 17:          | 1.1   |          | • 1      |             |          |              |              | <b>↓</b>     | <b>↓</b>       |                                                  | ļ                                                | <u> </u>                                         |          |                                         | ╁                                            | -     |           | 18                                               | 18       | 17       |       |
| 16/ 15           |       | 1.1      |          |             | ł        |              | }            |              |                |                                                  |                                                  | }                                                |          |                                         |                                              |       | -         | 18                                               | 15       | 1 =      |       |
| 12/ 11           | - + + | В        | _        |             | ļ —      |              |              |              | <del></del>    | <del> </del>                                     |                                                  | <b>}</b>                                         |          |                                         | +                                            |       |           | 13                                               | 15       | 16       |       |
| 10/ 9            | 1.1   | 1.0      |          |             | ł.       | }            |              | 1            | 1              | }                                                | j                                                |                                                  |          | ļ                                       | }                                            |       |           | 17                                               | ií       | 15       |       |
| 87 7             | 7.6   | . 8      |          | <u></u>     |          |              | <del> </del> | +            | <del> </del>   | <del> </del>                                     |                                                  | <del> </del>                                     |          | +                                       | +                                            | +     |           | 27                                               | 27       | 29       |       |
| 6/ 5             | 2.3   |          |          |             | 1        |              |              | 1            | 1              | 1                                                |                                                  |                                                  |          |                                         | 1                                            | ,     | j         | 2.5                                              | 25       |          | :<br> |
| 47 3             | 1.8   | . 8      |          |             | 1<br>i   |              |              | <del> </del> | <del> </del>   | <del>                                     </del> |                                                  |                                                  |          | +                                       | +                                            |       |           | 20                                               | 20       | 17       |       |
| 2/ 1             | 2.4   | 1.0      |          |             |          |              |              | }            |                | }                                                | 1                                                | }                                                |          | 1                                       | -                                            | }     |           | 27                                               | 27       | 26       |       |
| 07 -1            | Z.8   | 1.3      |          |             | 1        |              |              |              | T              |                                                  |                                                  |                                                  |          |                                         | 1                                            |       |           | 35                                               | 32       | 31       |       |
| -2/ -3           | 3.4   | . 8      |          |             | L        |              |              |              |                | <u> </u>                                         |                                                  | L                                                |          |                                         | <del> </del>                                 |       |           | 33                                               | 33       | 36       |       |
| -47 -5           | 3.6   |          |          |             | l        | Ì            |              | 1            | 1              | 1                                                | }                                                | }                                                | }        |                                         | Ì                                            |       | ]         | 43                                               | 43       | 39       |       |
| =6/ =7           | 3.9   |          |          |             | L        | <u> </u>     |              | <del> </del> | <del> </del>   | <b>├</b>                                         | <u> </u>                                         | <b>↓</b>                                         | ļ        |                                         | <del> </del> -                               |       |           | 39                                               | 39<br>34 | 42       |       |
| -5/ -9           | 2.9   |          |          | İ           |          |              |              |              | 1              | }                                                | 1                                                | ŀ                                                | }        | 1                                       | 1                                            | Į     |           | 27                                               | 27       |          |       |
| -12/-13          | 3.0   |          |          | <del></del> |          |              | <del> </del> | <del> </del> | - <del>}</del> | <del> </del> -                                   | <del> </del>                                     | <del> </del>                                     |          | +                                       | +                                            | -+-   |           | 31                                               | 31       |          |       |
| -14/-15          | 3.0   |          |          |             |          | 1            | }            |              | 1              | ł                                                | 1                                                | 1                                                |          | 1                                       | 1                                            | 1     |           | 35                                               | 35       | 31       |       |
| -16/-17          | 3,3   |          | -        |             |          | <del> </del> | <del> </del> | -            | -              | <del> </del>                                     | <del> </del> -                                   | <del> </del> -                                   |          | +                                       | +                                            | +-    |           | 32                                               | 32       | 35       |       |
| -18/-19          | 3.0   |          |          |             | (        |              |              |              | 1              | i                                                | {                                                | l                                                |          | 1                                       |                                              | }     |           | 30                                               | 30       | 29       |       |
| -20/-21          | 4.1   |          |          |             | T        | T            | <del> </del> | 1            | †              | 1                                                | <del>                                     </del> | <del>                                     </del> |          | 1                                       | 1                                            | _     |           | 39                                               | 39       |          |       |
| -22/-23          | 6.0   |          |          |             | ĺ        | 1            |              |              | Ĺ              | 1                                                |                                                  |                                                  |          | 1                                       |                                              |       |           | 53                                               | 53       | 53       |       |
| -24/-25          | 4.6   |          |          |             |          |              |              |              |                |                                                  | 1                                                |                                                  |          | T                                       |                                              | 7     |           | 39                                               | 39       |          |       |
| -26/-27          | 3.9   |          |          | Ĺ           | <u> </u> |              | <u></u>      | <u> </u>     | 1              | <u> </u>                                         | <u> </u>                                         | <u> </u>                                         | <u>L</u> |                                         | <u>.                                    </u> |       |           | 33                                               | 33       | 33       |       |
| Element (X)      |       | Σχ,      |          | ļ           | Σχ       |              | ₹            | •            | <u> </u>       | No. Ol                                           | s.                                               |                                                  |          |                                         |                                              |       |           | h Temperatur                                     |          |          |       |
| Ref. Hum.        |       |          |          | Í           |          |              |              |              |                |                                                  |                                                  | = 0                                              | F        | ± 32 F                                  | 2                                            | 67 F  | 2 73 F    | 2 80 F                                           | ≠ 93     | F        | Total |
| Dry Bulb         |       |          |          |             |          |              |              | <del> </del> |                |                                                  |                                                  |                                                  |          |                                         | +                                            |       |           | <del>                                     </del> |          |          |       |
| Wet Bulb         |       |          | _        | [           |          |              |              | ł            | }              |                                                  |                                                  |                                                  | 1        |                                         | 1                                            |       | L         | 1                                                |          | 1        |       |

DATA PROCESSING DIVISION USAF ETAC AIR KEATHER SEPVICE/MAC

## **PSYCHROMETRIC SUMMARY**

26102 F()RT SMITH NWT QUT APT 97-66 FEB

STATION NAME YEARS
PAGE 2 0900-1100
HOURS ... S. T. I

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

| Temp.       |      |       |              |           |               |                                                  |          |          |        |         |                                                  | ESSION         |              |                                                  |                                                  |                                                  |          |                                                  | TOTAL        |          | TOTAL       |              |
|-------------|------|-------|--------------|-----------|---------------|--------------------------------------------------|----------|----------|--------|---------|--------------------------------------------------|----------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|--------------------------------------------------|--------------|----------|-------------|--------------|
| (F)         | 0    | 1 - 2 | 3 - 4        | 5 - 6     | 7 - 8         | 9 - 10                                           | 111 -    | 12 13    | 3 - 14 | 15 - 16 | 17 - 18                                          | 19 - 20        | 21 - 22      | 23 - 24                                          | 25 - 26                                          | 27 - 28                                          | 29 - 30  | e 31                                             | D.B. W.B.    | Dry Bulb | Wet Bulb [  | Dew Poi      |
| 28/-29      | 2.8  | • 3   |              |           |               |                                                  | 1        | 1        |        |         |                                                  |                |              |                                                  |                                                  |                                                  |          |                                                  | 24           | 24       |             | 34           |
| -30/-31     | 2.8  | . 4   |              |           |               |                                                  |          |          |        |         |                                                  |                |              |                                                  |                                                  |                                                  |          |                                                  | 25           | 25       | 23          | 4            |
| 32/-33      | 1.1  |       | i            |           |               |                                                  | _        | _        |        |         | ļ                                                |                |              |                                                  | <del> </del>                                     |                                                  |          |                                                  | 10           | 11       | 15          | 3.           |
| 34/-35      | 1.3  | İ     |              |           | !             | į                                                |          |          | 1      |         |                                                  |                |              | ļ                                                | 1                                                |                                                  |          | ļ                                                | 10           | 17       | 10          | 2 :          |
| 36/-37      | • 1  |       |              |           | † · · · - · · |                                                  |          |          |        |         | <del>                                     </del> | <del> </del>   | <del> </del> | <del>                                     </del> |                                                  |                                                  |          | İ                                                | 1            | 8        | Ţ           | 7            |
| 38/-39      |      | ,     |              |           | 1             | 1                                                | 1        |          |        |         |                                                  | }              |              | j                                                | ]                                                | ļ                                                | }        |                                                  |              | 5        |             | 1:           |
| 40/-41      |      |       | ·            |           | <del> </del>  |                                                  |          |          |        |         |                                                  | 1              | <del> </del> | ļ                                                | <del>                                     </del> |                                                  |          | 1                                                | <del> </del> | 11       |             | 17           |
| -42/-43     |      |       |              | í         | ĺ             | -                                                |          |          | ļ      |         | l                                                | 1              | 1            | }                                                |                                                  | ļ                                                | ]        | }                                                |              | 6        |             |              |
| -44/-45     |      |       | : -          |           | <del> </del>  | _                                                | +-       |          | t      |         |                                                  | <b>—</b>       | 1            |                                                  |                                                  | <del>                                     </del> |          | !                                                |              | 5        | <del></del> |              |
| -46/-47     |      | i     | i            |           |               | 1                                                | i        | - 1      | - 1    |         | ĺ                                                | 1              | 1            |                                                  |                                                  |                                                  | ł        | 1                                                |              | 4        | i           |              |
| 48/-49      |      | 1     | <del> </del> | ļ         | <del> </del>  | ,                                                | -        | <u>i</u> |        |         | 1                                                | <u> </u>       | t —          |                                                  |                                                  |                                                  | <u> </u> | <del>                                     </del> | <del> </del> | 1        |             |              |
| -54/-55     |      | j     | i            | !         | ļ             |                                                  |          |          |        |         |                                                  | 1              | 1            | ĺ                                                | 1                                                | ĺ                                                | [        |                                                  |              | ĺ        | i           |              |
| TOTAL       | 74.7 | 24.4  |              | • 3       |               | <del>                                     </del> | _        | _        |        |         | <del> </del>                                     | <del> </del>   | 1            |                                                  |                                                  | <del></del>                                      |          |                                                  |              | 846      |             | 79           |
| ;           |      | Ì     | 1            |           |               |                                                  |          |          | 1      |         | į                                                |                |              |                                                  | i                                                |                                                  |          |                                                  | 799          |          | 799         |              |
| <del></del> |      |       |              | <b>-</b>  | 1             | i -                                              |          |          |        |         | †                                                | <del> </del> - | 7            | i –                                              | <del> </del>                                     |                                                  |          | 1                                                | 1            |          |             |              |
|             |      |       |              |           | ļ             | )                                                |          | }        | j      |         |                                                  |                |              |                                                  |                                                  | ĺ                                                |          |                                                  |              | i        |             |              |
|             | _    | •     |              |           | † — — ·       |                                                  | 1        | -+-      |        |         |                                                  |                |              |                                                  |                                                  |                                                  |          |                                                  | T            |          |             |              |
| i           |      |       |              | t .       | 1             | i                                                | i        | į        | 1      |         | }                                                |                | 1            |                                                  |                                                  | )                                                | Į.       | }                                                |              |          | 1           |              |
|             |      | •     |              | • • • • • | <del> </del>  | <b></b>                                          | - 1      |          |        |         |                                                  |                | <u> </u>     |                                                  | <u> </u>                                         |                                                  |          |                                                  |              |          |             |              |
|             |      |       |              | I         | -             | !                                                |          | İ        | i      |         | ì                                                |                |              | 1                                                |                                                  | 1                                                |          | Į                                                |              |          | į           |              |
| 1           |      |       |              | <br>!     | 1             | 1                                                | <b>←</b> |          | ·- i   |         |                                                  |                | 1            |                                                  |                                                  |                                                  |          | 1                                                | 1            |          |             |              |
|             |      | :     | !            | !         |               |                                                  | Í        |          | ĺ      |         | [                                                | į.             | İ            | ĺ                                                | 1                                                | ĺ                                                |          | Í                                                | 1            |          |             |              |
|             |      |       | ļ            | 1         | †             | +<br>!                                           |          |          |        |         |                                                  |                | 1            | <del>                                     </del> | 1                                                |                                                  |          |                                                  |              |          |             |              |
|             |      | i     | 1            |           | 1             |                                                  |          |          |        |         | 1                                                | ł              |              |                                                  | İ                                                |                                                  |          |                                                  | 1            |          | i           |              |
|             |      |       | †            | i         | 1             | !                                                |          | $\neg$   |        |         |                                                  |                |              | T-                                               | 1                                                |                                                  |          |                                                  | 1            |          |             |              |
| İ           |      | :     | 1            | ļ         |               |                                                  | -        |          |        |         |                                                  |                | ì            | ŀ                                                |                                                  | i                                                |          |                                                  |              |          |             |              |
|             |      | i     | †·           | i         | 1             | 1                                                |          |          |        |         |                                                  |                | †            | 1                                                | 1                                                |                                                  |          |                                                  |              |          |             |              |
| į           |      | 1     | 1            | 1         | }             | }                                                | 1        | - }      | ļ      |         |                                                  |                |              |                                                  |                                                  |                                                  | 1        | 1                                                |              |          |             |              |
|             |      | :     | Ţ — · ·      | i         | 1             |                                                  |          | _        |        |         |                                                  | 1              | 1            |                                                  |                                                  |                                                  |          |                                                  | <u> </u>     |          |             |              |
|             |      |       |              |           | ł             |                                                  |          | - }      | 1      |         |                                                  | 1              | 1            | 1                                                | 1                                                |                                                  | [        |                                                  |              |          |             |              |
| ·           |      |       | 1            | 1         | T             |                                                  |          |          |        |         |                                                  | T              |              |                                                  | T                                                |                                                  |          | T                                                | 1            |          | ;           |              |
|             |      |       |              | 1         |               | İ                                                |          |          | {      |         | 1                                                |                | 1            | }                                                | }                                                | 1                                                |          | l                                                |              |          |             |              |
|             |      |       | :            | 1         | :             |                                                  |          |          |        |         |                                                  |                | 1            |                                                  | 1                                                |                                                  |          |                                                  | 1            |          |             |              |
|             |      | i     | i            |           | 1             |                                                  | Ĺ        |          |        |         |                                                  | Ĺ              |              |                                                  | 1                                                |                                                  | l        |                                                  | į            |          |             |              |
| Element (X) |      | Σχ²   |              |           | Z x           |                                                  | x.       |          | • ,    |         | No. O                                            |                |              |                                                  |                                                  | Mean I                                           | No. of H | ours wil                                         | h Temperat   | ure      |             |              |
| Rel. Hum.   |      | 4.31  | 366          | ]         | 381           |                                                  | 72       | , 9      | 9.6    | 14      |                                                  | 798            | ± 0          |                                                  | : 32 F                                           | ≥ 67                                             | F        | 73 F                                             | ≥ 80 F       | - 93 F   | т.          | otal         |
| Dry Bulb    |      |       | 855          |           | -82           |                                                  |          |          | 6.7    |         |                                                  | 346            |              | • 3                                              | 83.7                                             |                                                  |          |                                                  |              |          | 7-          | <del>-</del> |
| Wet Bulb    |      |       | 1019         |           | -66           |                                                  |          |          | 3.2    |         |                                                  | 799            |              | . 5                                              | 63.7                                             |                                                  |          |                                                  | T            | -1       |             | 8            |
| Dew Point   |      | 31    | 16752        | r—        | -113          | 29                                               | -14      | - 41     | 0.0    | 19      |                                                  | 799            | - AA         | . 3                                              | 83.9                                             |                                                  |          |                                                  | 1            |          |             | 8            |

USAFETAC FORM 0.26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

DATA PROCESSING DIVISION USAF ETAG AIR VEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

FORT SMITH NWT DOT APT 57-66 FER 26102 PAGE 1 1200-1400 HOURS IL. S. T.

|             |     |     |        |     |      |           |           |       |        |         |        |                   |        | 4.7    | 25.           |       |          |    | -    | _       |        |            |        | _       |        | _       |       |         |         | 705           |       |          |          |      |         |
|-------------|-----|-----|--------|-----|------|-----------|-----------|-------|--------|---------|--------|-------------------|--------|--------|---------------|-------|----------|----|------|---------|--------|------------|--------|---------|--------|---------|-------|---------|---------|---------------|-------|----------|----------|------|---------|
| Temp<br>(F) |     |     |        |     |      | <u> </u>  | <b>-,</b> |       |        |         | ULB    |                   |        |        |               |       |          |    |      |         |        |            |        |         |        |         |       |         |         | TOTA          |       |          | TOTA     |      |         |
| 427         |     | 0   | _1 - 3 |     |      | • • • •   | + 7       | 7 · B | 9 - 11 | 0 1     | 1 - 12 | 13 -              | 14     | 15 -   | 16   1        | 7 - 1 | 8 19     | 20 | 21 - | 22      | 23 - 2 | 4 2        | 25 · 2 | 26 2    | 27 - : | 28   2  | 29 -  | 30      | × 31    | D.B., 1       |       | ory Bulb | Wet Bu   | IL D | ew Poir |
| 40/         |     |     |        |     | • 1. |           |           |       |        | l       |        |                   |        |        |               |       |          |    |      | - }     |        | 1          |        | -       |        | İ       |       |         |         | 1             | 5     |          | 1        | ļ    |         |
| 387         |     |     |        |     | . •1 | -         | 7         |       |        | +       |        | <del> </del>      |        |        |               |       |          | _  |      |         |        | +          |        | 4       |        | 4       |       | 4       |         | —             |       |          | 1        | -    |         |
|             |     |     |        |     |      |           | 5         |       |        | j       |        | ļ                 | 1      |        |               |       |          |    |      |         |        | 1          |        | -       |        | - }     |       |         |         |               | 7.    | •        | l        |      |         |
| 36/         |     |     |        |     |      |           | 4         |       |        | _       |        | <u> </u>          |        |        |               |       |          |    |      | -       |        | 4          |        | 4.      |        | 4       |       |         |         | <del> </del>  | 2     |          | <u> </u> | 1    |         |
| 34/         |     |     |        | 2   | , 2  |           |           |       | 1      |         |        | ĺ                 | Ì      |        | ı             |       |          |    |      |         |        | -          |        | - [     |        | - }     |       | - 1     |         |               | 11    | - 1      | H        | 4    | 2       |
| 32/         |     |     |        | 2   |      |           | 1         |       | ļ      | - }_    |        | !<br><del>!</del> | _      |        | -             |       | <b>-</b> |    |      |         |        | _          |        | 4       |        | _       |       | 4       |         |               | 7     |          | l.       | 5    |         |
| 307         |     |     |        | 4   | • 4  |           |           |       |        |         |        | į                 | İ      |        |               |       | 1        |    |      | - 1     |        |            |        |         |        | ı       |       |         |         | 1             | 4     |          | 7        | 3    | _       |
| 28/         |     |     | 1.     |     | - 4  |           | 4         |       |        |         |        | <u> </u>          |        |        | $\rightarrow$ |       | ┷-       |    |      | _       |        | 1          |        |         |        | 4       |       | 4       |         |               | 11    | 11       |          | 6    | 2       |
| 26/         |     | • 1 |        | 7   | - 2  |           |           |       |        | -       |        | İ                 | Ì      |        |               |       |          |    |      | -       |        |            |        |         |        | -       |       | -       |         | ĺ             |       | •        |          | 3    | 3       |
| 24/         |     | - 2 |        | 8   | . 6  |           | 4         |       |        | -!-     |        | <u> </u>          |        |        | 4             |       | _        | _  |      | 4       |        | -          |        | 4       |        | $\perp$ |       | 4       |         |               | 14    | 14       |          | 3    | 1.3     |
|             | 21  | • 3 |        |     |      |           | i         |       |        | Ţ       |        | 1                 | - 1    |        | - 1           |       | 1        |    |      | - 1     |        | -          |        | -       |        | İ       |       | Ì       |         |               | 12    | 17       |          | 3    | 12      |
| 20/         |     | - 6 |        | 8   |      | Ĺ         | $\perp$   |       |        |         |        | lacksquare        |        |        |               |       | $\perp$  |    |      | _       |        | 4          |        | _       |        | _       |       | 1       |         |               | 12    | 12       |          | 8    | 11      |
| 18/         | 17  | 1.3 |        |     |      |           | -         |       |        |         |        | ļ                 | i      |        |               |       |          |    |      | - ]     |        | j          |        |         |        | -       |       | -       |         |               | 22    | 22       |          | 6    | 13      |
| 16/         | 15  | . 6 | _      | _   |      |           | 1         |       |        |         |        |                   |        |        |               |       | ↓        |    |      |         |        | $\perp$    |        | $\perp$ |        | ↲.      |       |         |         |               | 14    | 14       |          | 8    | 21      |
| 147         | 13  | • 6 |        |     |      |           | 1         |       | 1      | 1       |        | (                 | - (    |        |               |       | 1        | i  | l    | - 1     |        | 1          |        | 1       |        | - 1     |       | - {     |         | f             | 13    | 1!       |          | [3]  | 22      |
| 12/         | 11  | 1.0 |        | - 1 |      | <u></u> _ |           |       |        |         |        |                   |        |        |               |       | 1_       |    | _    | $\perp$ |        | ᆚ          |        | _       |        |         |       | $\perp$ |         |               | 19    | 19       |          | 20   | 9       |
| 107         | 9   | 1.1 | Z.     | -1  |      | 1         | 1         |       |        |         |        |                   |        |        |               |       |          | ĺ  |      |         |        |            |        | - (     |        | - 1     |       |         |         |               | 26    | 26       | 1        | 2    | 13      |
| 8/          | 7   | ) • |        |     |      | !         | 1         |       | L      |         |        |                   |        |        |               |       | 1_       |    |      | $\perp$ |        |            |        | ╝.      |        |         |       |         |         |               | 24    | 24       |          | 2 6  | 19      |
| 6/          | 5   | 1.0 | 1.     |     |      | !         |           |       |        |         |        |                   | ļ      |        |               |       | i        |    |      | - }     |        |            |        | 1       |        |         |       |         |         |               | 30    | 3(       |          | !5   | 17      |
| 4/          | 3   | 2.6 | -      | - 1 |      | i         | L         |       |        | $\perp$ |        | _                 |        |        |               |       |          |    |      |         |        | <u>l</u> . |        | $\perp$ |        | _{      |       |         |         |               | 33    | 33       |          | 8    | 22      |
| 27          | 1   | 2.0 |        |     |      |           | -         |       |        | ĺ       |        | )                 |        |        |               |       | ]        |    |      | 1       |        | -          |        |         |        | ļ       |       | 1       |         |               | 40    | 4(       |          | 16   | 27      |
| 0/          | -1  | 3.2 |        | ш.  |      |           | 1         |       |        |         |        | <u></u>           |        |        |               |       | <u> </u> |    |      | $\perp$ |        | L          |        |         |        |         |       |         |         |               | 35    | 3 :      |          | 1    | 23      |
| -27         | -3  | 3.1 |        |     |      | i.        |           |       | l      |         |        | 1                 | - {    |        | 1             |       |          |    |      | - }     |        | 1          |        | 1       |        | - }     |       | - 1     |         |               | 43    | 4        |          | 8    | 26      |
|             | -5  | 3.6 |        |     |      |           |           |       |        |         |        | <u>L</u> _        |        |        |               |       |          |    |      | _       |        |            |        |         |        |         |       |         |         |               | 47    | 41       |          | 9    | 30      |
| -6/         |     | 4.2 |        |     |      | 1         | 1         |       | ĺ      | i       |        | ĺ                 | - 1    |        | ĺ             |       | - (      |    |      | - (     |        | - (        |        | 1       |        | - (     |       |         |         |               | 49    | 49       |          | 71   | 44      |
| -8/         |     | 3.1 |        | -1  |      |           | 1.        |       |        |         |        |                   |        |        |               |       |          |    |      |         |        | $\perp$    |        |         |        | $\perp$ |       |         |         |               | 34    | 34       |          | 3 5  | 44      |
| -10/-       |     | 3.5 |        |     |      |           |           |       |        | Ì       |        |                   | 1      |        |               |       | 1        |    |      |         |        | Т          |        |         |        | - [     |       | _       |         |               | 44    | 44       |          | 4    | 36      |
| -12/-       |     | 3.0 |        |     |      | L         | 1         |       |        |         |        |                   |        |        |               |       | 1        |    |      | 1       |        | 1          |        |         |        |         |       |         |         |               | 35    | 3:       |          | 16   | 3 6     |
| -14/-       |     | 4.0 |        |     |      | i         | ]         |       |        |         |        | ļ _               |        |        | T             |       |          |    |      | -       |        | T          |        | T       |        | Τ       |       |         |         | 1             | 49    | - 4      | 1        | 7    | 40      |
| -16/-       |     | 4.5 |        | 5   |      | l         | $\perp$   |       | L_     | 1       |        |                   |        |        |               |       |          |    |      |         |        | ⊥.         |        | 1       |        |         |       | ┙       |         |               | 42    | 42       |          | 6    | 36      |
| -18/-       |     | 5.7 |        | 8   |      | 1         | $\Gamma$  |       |        | -       | -      |                   | $\neg$ |        | T             |       |          |    |      | T       |        | T          |        |         |        | Ţ       |       | T       |         | 1 '           | 55    | 5!       | -        | 54   | 41      |
| -20/-       |     | 3.8 |        | 5   |      | L         |           |       | L      | $\perp$ |        | L                 |        |        |               |       | 1        |    |      | $\perp$ |        |            |        | 1       |        |         |       |         |         |               | 36    | 36       |          | 7    | 32      |
| -22/-       |     | 3.1 | 1 -    | 4   |      |           | T         |       | ĺ      | T       |        |                   |        |        | T             |       |          |    |      | T       |        | 7          |        | 1       |        | 7       |       | $\neg$  |         |               | 29    | 25       |          | 0    | 43      |
| -24/-       | 25  | 1.4 |        | 1   |      |           | $\perp$   |       |        | $\perp$ |        |                   |        |        |               |       |          |    |      |         |        | 1          |        |         |        |         |       |         |         | <u> </u>      | 13    | _ 13     | 1        | 4    | 40      |
| Element     | (X) |     | Σχ'    |     |      |           | Z         | x     |        |         | X .    |                   | ø,     | $\Box$ |               | No. C | bs.      |    |      |         |        |            |        |         | Mea    | n No    | o. of | Ho      | ers wit | h Temp        | eratu | re       |          |      |         |
| Rel. Hu     | m   |     |        |     |      | Ĺ         |           |       | $\Box$ |         |        |                   |        | _[     |               |       |          | ot |      | 0 F     |        | • 3        | 32 F   | Ţ       | 2      | 67      | F     | 2       | 73 F    | > 80          | F     | ≥ 93     | F        | To   | tal     |
| Dry Bul     | ь   |     |        |     |      |           |           |       |        |         |        |                   |        |        |               |       |          |    |      |         |        |            |        | T       |        |         |       |         |         |               |       |          |          |      |         |
| Wet Bul     | ь   |     |        |     |      |           |           |       |        |         |        |                   |        |        |               |       |          |    |      |         | Ĭ      |            |        | I       |        | _       |       |         |         |               |       |          |          |      |         |
| Dew Po      | int |     |        |     |      | 1         |           |       |        |         |        | $\overline{}$     |        |        |               |       |          |    |      |         |        | _          |        | _       |        |         | _     |         |         | $\overline{}$ |       |          |          |      |         |

USAFETAC FORM 0.26-5 (OLA) tivisto meyoos contons of this form and obsorting

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 6102                              | FUR   | T SHITH   |          | TATION NAN |          |        |                  |         | 57-          | 00      |           |      | VF      | ARS         |           |              |             |          | # E                |      |
|-----------------------------------|-------|-----------|----------|------------|----------|--------|------------------|---------|--------------|---------|-----------|------|---------|-------------|-----------|--------------|-------------|----------|--------------------|------|
| F 4                               |       |           | 3 /      |            | nz.      |        |                  |         |              |         |           |      | ,,      | <b>~</b> ~~ |           |              | PAGE        | 2        | 1200-              | 140  |
| Temp.                             |       |           |          |            |          |        | EMPERA           |         |              |         |           |      |         |             |           |              | TOTAL :     |          | TOTAL              |      |
| , F)<br>=                         |       | - 2 3 - 4 | 5 - 6    | 7 - 8      | 9 - 10 1 | 1 - 12 | 13 <u>-</u> 14 1 | 15 - 16 | 17 - 18      | 19 - 20 | 21 - 22 2 | 3 24 | 25 - 26 | 27 - 28 2   | 9 - 30    | 2 31         | D.B. W.B. D |          | Wet Bulb D         |      |
| 26/-27                            | .6    | • 1       |          | 1          | }        |        | i                |         | ì            | ·       |           |      | f       | 1           | 1         | - (          | <b>O</b> (  | 6        | 6                  | 4    |
| 28/ <b>-29</b><br>30/ <b>-3</b> 1 | . 2   | • 1       | ·        |            |          |        | !                |         |              | + -     |           |      |         |             |           | $-\dotplus$  | - 3         | 5<br>2:  | 5                  | . 4  |
| 32/-33                            | . 5   |           |          | ! !        |          |        | ı                |         |              | )<br>:  | 1         |      |         |             | ,         | į            | 4           | 4        | 6                  | 5    |
| 347-35                            | .6    |           | • -      | ļ <u>↓</u> |          | :      | •                |         |              | † †     |           |      |         |             |           | <del>i</del> | -           | 7        |                    |      |
| 36/-37                            |       |           | i '      | 1          |          |        |                  |         |              |         | -         | Ì    | į       |             | - 1       | į            | Í           | 1        |                    |      |
| 38/-39                            |       |           |          | •          |          |        | 1                |         |              |         |           |      |         |             |           | į            |             | 2        |                    |      |
| 40/-41                            | ·     |           | !        |            |          |        |                  |         |              | ļ       |           |      |         |             |           |              |             |          | :<br><del></del> - |      |
| 42/=43.<br>44/=45                 |       |           |          | i          |          |        | 1                |         | 1            |         | }         |      |         | -           | į         | 1            | 1           | 1        | !                  |      |
| 48/-49                            |       |           |          | ·          |          | ·      |                  |         |              |         |           | +    |         | -+          |           | +            |             | i        | :                  |      |
| STAL                              | 43.43 | 3.1 2.5   | 1.1      | 1          | 1        | 1      | }                |         | 1            |         | į         | )    | 1       |             | :         | - 1          | !           | 846      | i                  | 84   |
|                                   |       |           |          |            |          |        |                  |         |              |         |           |      |         |             |           |              | 641         |          | 841                |      |
|                                   |       |           |          | 1          | ı        |        | 1                |         | 1            |         |           |      |         |             | 1         |              |             | i        | 1                  |      |
|                                   |       |           |          |            |          |        | 1                |         | (            |         |           |      |         |             | 1         |              |             |          |                    |      |
|                                   |       |           |          |            | !        |        |                  |         | ·            | ļ       |           |      |         |             |           |              | i           | 1        |                    |      |
|                                   |       |           |          |            |          | 1      | 1                |         | 1            | ł i     | i         |      |         |             |           | }            | 1           | !        | j                  |      |
|                                   |       | •         |          |            |          |        |                  |         | <del> </del> |         |           |      |         |             | <u>-</u>  |              |             |          |                    |      |
|                                   |       |           |          |            |          |        |                  |         |              |         | 1         |      |         | 1           | 1         | į            | ļ           | 1        |                    |      |
|                                   | •     |           | •        |            |          |        |                  |         |              | 1       |           |      |         |             |           | -            | +           |          |                    |      |
|                                   |       |           |          | 1          | 1        | į      | 1                |         | 1            |         | i         |      |         |             | _ 1       |              |             | l        |                    |      |
|                                   |       |           |          |            |          |        |                  |         |              |         |           |      |         |             |           |              |             |          |                    |      |
|                                   |       |           | ,        | . 4        |          | - 4    |                  |         |              |         |           |      |         | ļ ļ         |           |              |             | ;        |                    |      |
|                                   |       |           |          |            | 1        | į      |                  |         |              | ( )     |           | 1    |         |             | 1         | 1            | }           | i        |                    |      |
|                                   | . !   |           | -        |            |          |        |                  |         |              |         |           |      |         |             |           |              |             |          |                    |      |
|                                   |       | 1         |          |            | {        | :      |                  |         |              |         | 1         |      |         |             |           | 1            | 1           | ļ        | . !                |      |
|                                   | • - • | i i       | • —      | 1 1        | - 1      |        |                  |         |              |         |           |      |         |             |           |              |             |          |                    |      |
|                                   |       |           | 2        |            | 1        |        |                  |         | ļ            |         |           |      |         |             |           |              |             |          |                    |      |
|                                   | 1     |           | 1        |            |          | j      |                  |         |              |         |           |      |         |             |           | 1            | į           |          |                    |      |
|                                   |       |           | -        |            |          |        |                  |         | ļ            |         |           |      |         |             |           |              |             |          |                    |      |
|                                   |       |           | I        | :          |          |        |                  |         | }            |         |           |      |         |             |           | - 1          | Ì           |          |                    |      |
| lement (X)                        | Σ     | x²        | +        | ZX         |          | x      |                  | T       | No. O        | . T     |           |      |         | Mean No     | o. of Hou | s with       | Temperatu   | 7e       |                    |      |
| lel. Hum.                         |       | 4305591   |          | 5955       | 3        | 70.8   | 10.20            |         |              | 41      | ± 0 F     |      | 32 F    | ≥ 67 F      | × 7       | 3 F          | ≥ 80 F      | ≥ 93 F   |                    | otal |
| Dry Bulb                          |       | 202708    |          | -283       |          |        | 15.17            |         |              | 46      | 53.       |      | 82.6    |             |           |              |             |          |                    | E    |
| Wet Bulb                          |       | 185888    |          | -308       |          |        | 14.4             |         |              | 41      | 54.       | 3    | 83.4    |             |           |              |             | <b> </b> |                    |      |
| Dew Point                         | į.    | 799971    | <u> </u> | -876       | ) — ]    | 10.4   | 13.7             | 70      | •            | 41      | 63.       | •    | 83.8    | l           |           | 4            |             | 1        |                    | 8    |

USAFETAC FORM 0.26-5 (QLA) TENSED MENIOUS EDITIONS

## PSYCHROMETRIC SUMMARY

FŁB

MONTH STATION NAME PAGE 1 1500-1700 HOURS L. S. T. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Point 42/ 4<u>1</u> 40/ 39 . 2 387 37 . 2 36/ 35 ことガブ 34/ 33 • 1 32/ 31 307 29 1 • 6 28/ 27 8 3 26/ 25 24/ 23 .11.2 . 0 16 11 6 16 . 8 10 10 227 21 12 13 13 11 19 20/ 19 14 14 17 . 6 18/ 17 14 19 16/ 15 14/ 13 1.8 24 24 18 19 1.3 1.2 ZI 21 20 16 12/ 11 1.7 1.4 26 26 31 19 107 E.I B. 7 18 18 16 13 8/ 2.5 1.5 34 31 22 67 5 2.3 T.5 32 32 34 19 32 1.7 31 32 27 3 2.1 45 45 45 21 2.4 3.0 39 26 0/-13.1 2.3 45 52 22 3.3 1.8 2.8 1.8 -27 -3 43 39 -4/ -5 39 39 40 37 -67 -7 1.9 36 30 53 30 53 43 1.7 -8/ -9 4.9 1.4 44 -10/-11 4.9 2.0 58 38 59 29 3.2 1.2 -12/-13 37 37 33 49 50 53 -14/-15 49 41 5.1 48 -16/-17 . 9 50 41 -18/-19 39 3.9 . 4 36 36 43 =20/=21 =22/=23 2.1 . 2 20 20 21 41 33 2.4 22 72 -24/-25 38 | Mean No. of Hours with Temperature | 10 F | 132 F | 167 F | 173 F | 180 F | No. Obs. Element (X) ٠, Rel. Hum. ≥ 93 F Dry Buth Wet Buib Den Point

57-66

ð 10)

NATA PROCESSING DIVISION USAF ETAC AIR FEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

26102 FURT SMITH NWT DOT APT

57-66

FEB

PAGE 2

1500-1700 .

Hours List.

| Temp.         |          |       |            |       |                |               | BULB .         |         |                                                  |              |          |        |        |          |                |               |        |              |              | TOTAL          |                 | TOTA                                             |         |            |
|---------------|----------|-------|------------|-------|----------------|---------------|----------------|---------|--------------------------------------------------|--------------|----------|--------|--------|----------|----------------|---------------|--------|--------------|--------------|----------------|-----------------|--------------------------------------------------|---------|------------|
| (F)           | 0        | 1 - 2 | 3 - 4      | 5 - 6 | 7 - 8          | 9 - 10        | 11 - 12        | 13 - 14 | 15 - 16                                          | 17 - 1       | 8 19 -   | 20 2   | 1 - 22 | 23 - 2   | 4 25 -         | 26 2          | 7 - 28 | 29 - 3       | 0 - 31       | D.B. W.        | B. Dry Bul      | b Wet Bu                                         | lb De   | w Po       |
| 26/-27        | . 5      |       |            | •     | :              |               | i              |         |                                                  |              | -!       |        |        |          | T              | i             |        |              |              |                | 4               | 4                                                | 4       | 4          |
| 28/-29        | • 1,     |       |            |       |                |               |                | ļ       | į                                                |              |          |        |        |          |                | į             |        | Ī            |              | j              | 1               | t!                                               | 1:      | 3          |
| 307-31        | . I      | 1     | i          |       | <del></del>    |               |                | -       | <u> </u>                                         |              |          | -      |        |          | +              | $\neg$        |        |              |              | <del> </del> - | 7               | 2                                                | 1       | 7          |
| 32/-33        | 9        | . 2   |            |       | İ              | I             |                | İ       | ĺ                                                |              |          |        |        |          |                | i             |        |              |              | 1              | 0 1             |                                                  | Ĭ.      | ī          |
| 34/-35        | .1       |       |            |       | <u> </u>       | i             |                |         |                                                  | <del></del>  |          | +      |        |          | +              | -             |        |              | <del> </del> |                | 1               | 1                                                | Ĭ.      | · <b>-</b> |
| -36/-37       |          |       |            | :     | 1              |               |                |         |                                                  |              |          | ı      |        |          |                |               |        |              | İ            |                |                 | 1                                                | -,      |            |
| 38/-39        |          | _     | ·——        | •     | <del></del>    |               | ļ              | •       |                                                  | ļ            |          |        |        |          | +              | -             |        |              | +            | <del> </del>   |                 | 1                                                | •       |            |
| 40/-41        |          |       |            |       |                |               | I<br>I         |         | 1                                                | ĺ            |          | - 1    |        | l        |                |               |        | ļ            |              |                |                 | •                                                |         |            |
| 42/-43        |          |       |            |       |                | <del></del> - |                |         | - <del></del>                                    | <del> </del> | +        | -      |        |          | <del> </del>   | +             |        |              | +            | -              |                 | <del></del>                                      |         |            |
| 44/-45        |          |       |            | i     |                |               |                | :       |                                                  | i<br>I       | -        | -      |        |          | -              | 1             |        |              | !            |                | 1               | ł                                                | i       |            |
| 45/-47        |          |       |            | -     | <del> </del>   |               | <del> </del> - |         |                                                  | <b>├</b>     | +-       |        |        |          | +              | -+            |        |              | +            | <del></del>    | -               | <del>-</del>                                     |         |            |
| 50/-51        |          |       |            | 1     |                |               |                | i       | [                                                | ļ            | i        |        |        |          | j              |               |        |              | 1            |                |                 | 1                                                |         |            |
|               | 61.a     | 32.0  | 3.2        | 1.3   | •1             |               | <b></b> _      |         |                                                  |              |          | _      |        |          | ļ              |               |        | <u> </u>     |              | <del></del>    | 84              |                                                  |         | 84         |
|               |          | ,,,,  |            |       | • •            |               |                | i       |                                                  |              |          |        |        |          | į              | i             |        |              | !            | 34             |                 | 84                                               |         | 07         |
|               | <b>.</b> |       |            |       |                |               |                |         | ļ                                                |              | $\dashv$ |        |        |          | <u> </u>       |               |        |              | 4            | 77.00          | •               | <del> </del>                                     | -       |            |
|               | :        |       |            |       | i              |               | ī              | ì       | ]                                                | 1            | i        | +      |        |          | •              | - 1           |        |              |              |                | 1               | 1                                                |         |            |
|               | 1        |       | <b>.</b> . |       | 1              |               | <u>.</u>       |         | ļ. <sub>— —</sub>                                |              |          |        |        | -        | <del>:</del> - | $\rightarrow$ |        | ļ            | <del> </del> | ļ <u>.</u>     |                 | <b></b>                                          |         |            |
|               |          |       |            | 1     |                |               | I              | :       | 1                                                | :            |          | 1      |        | į        | !              | - !           |        |              |              |                |                 |                                                  | ĺ       |            |
|               | !        |       |            | _     |                |               |                | Ĺ       | <u>:</u>                                         |              | Ц_       | _  _   |        | L        | 1_             | $\rightarrow$ |        | L            |              | ļ              |                 | 1                                                | $\perp$ |            |
|               | i        |       |            | :     |                |               |                | ļ.      |                                                  |              | -        | ĺ      |        |          | ļ              |               |        |              | į            | -              |                 |                                                  |         |            |
|               | 1.       |       | •          | 1 .   |                |               |                |         | 1                                                |              | -        | 1      |        |          | <u> </u>       | l_            |        |              | 1            | l              |                 | <u> </u>                                         |         |            |
|               | 1        |       |            |       |                | 1             |                |         | i                                                | 1            | i        | i      |        |          | Ì              |               |        |              | 1            |                |                 |                                                  |         |            |
|               |          |       |            |       |                |               |                |         | 1                                                | <u></u>      |          |        |        |          |                |               |        |              |              | Ĺ              |                 |                                                  |         |            |
|               |          |       |            |       |                |               |                | i       | i                                                | İ            | - 1      | i      |        |          |                | İ             |        | ĺ            |              |                |                 |                                                  |         |            |
|               |          |       |            |       |                |               |                |         | i                                                | 1            |          | . i    |        |          | L.             |               |        |              | . L          |                |                 |                                                  | j       |            |
|               |          |       |            | -     |                |               | i              | i       |                                                  |              |          | į      |        |          |                | -             |        |              |              |                | 1               |                                                  | ī       |            |
| !             | 1        |       |            |       |                |               |                | I       | İ                                                |              | j        | - 1    |        | İ        |                | ł             |        |              | İ            | 1              |                 |                                                  |         |            |
|               |          |       | •          | •     | •              |               | • — —          |         | :                                                |              |          |        |        |          | 1              |               |        |              |              |                |                 |                                                  |         |            |
| į             | 1        |       |            |       |                |               |                |         |                                                  |              |          |        |        |          |                |               |        |              |              |                | -               |                                                  |         |            |
|               |          |       |            |       |                |               |                |         |                                                  | 1            |          |        |        | <u> </u> |                |               |        |              | 1            |                |                 | 1                                                | 7       |            |
|               |          |       |            |       | İ              |               | }              |         |                                                  |              | -        | -      |        | }        | -              |               |        | l<br>Ì       | 1            |                | ļ               | 1                                                |         |            |
|               |          |       | •          |       |                |               |                | 1       |                                                  | Τ -          |          |        |        |          | Ī              | 1             |        |              |              | !              | - <del></del> - | <b>_</b>                                         |         |            |
| i             |          |       |            |       | i              |               |                | ί       |                                                  |              |          |        |        | İ        |                |               |        |              |              | į              | İ               |                                                  |         |            |
|               |          |       | •          | •     | •              | ····          |                |         | · · · · ·                                        |              |          | $\neg$ |        |          | T              | _             |        | -            | 1            | 1              |                 | <del>                                     </del> | $\pm$   | _          |
| ĺ             |          |       |            |       |                | i             |                |         |                                                  | ĺ            |          |        |        |          | 1              |               |        | ĺ            |              |                |                 |                                                  |         |            |
| Element (X)   | 7        | X 2   |            |       | žχ             | $\neg$        | Ī              |         | <del>'                                    </del> | No. (        | Obs.     | ٦,     |        |          |                |               | Mean t | ta. of t     | laurs wit    | h Tempe        | rature          |                                                  |         |            |
| Rel, Hum.     |          |       | 0812       |       | 397            | 82            | 70.8           |         |                                                  |              | 844      |        | ± 0    | FT       | : 32 F         |               | ≥ 67   |              | ≥ 73 F       | <b>≯ 80</b>    |                 | F                                                | Total   | ai         |
| Dry Bulb      |          |       | 9135       |       | =14            |               | -1.7           | 14.5    | 68                                               |              | 846      |        |        | . 3      | 82.            |               |        | <del>-</del> |              | 1              | 7.              | -                                                |         | Ą          |
| Wer Bulb      |          |       | 4630       |       | -18            | 04            | 2.1            |         |                                                  |              | 844      |        | 31     |          | 83             |               |        |              |              | <del> </del>   |                 | <del>-</del>                                     |         | - 8        |
| Dew Point     |          |       | 6913       |       | <del>-74</del> |               | -8.9           |         |                                                  |              | 844      |        | 61     |          | 83,            |               |        |              |              | <del> </del>   |                 |                                                  |         | 8          |
| 50.77 1 0.111 |          |       |            | 1     | 7              |               |                | •       | - 🔻                                              |              |          |        |        |          |                |               |        | 1 .          |              | 1              |                 |                                                  |         |            |

USAFETAC FORM 0.26-5 (O.E.A) REVISED MENIOUS EDITIONS OF THIS FORM

MATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SHITH NWT OUT APT

#### **PSYCHROMETRIC SUMMARY**

FER

STATION NAME MONTH PAGE 1 1800-2000 WE! BULB IEMPERATURE DEPRESSION (F)

3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | e 31 TOTAL D.B. W.B. Dry Bulb 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27 .5 . 4 8 1 5 5 26/ 25 6 5 4 9 24/ 23 22/ 21 •1 15 18 22 20 .5 1.5 17 • 1 .6 1.2 1.5 1.0 20/ 19 13 15 18/ 17 20 20 12 1.3 1.0 13 14/ 13 16 1.2 1.0 18 24 30 19 1.0 1.5 25 10/ 1.0 1.1 17 9. 17 17 8/ 7 22 16 1.5 1.3 23 23 23 6/ 2.1 1.3 28 28 30 41 3 1.9 1.3 27 24 27 21 3.3 2.4 2.4 1.2 3.5 1.0 2/ 1 47 47 47 26 0/ -I 30 30 32 18 -2/-337 37 40 27 -47 -5 2.2 .7 24 24 24 40 -6/ -7 -8/ -9 . 5 3.0 29 29 38 29 . 5 3.5 33 33 33 28 -10/-11 -12/-13 -14/-15 -16/-17 3.0 28 28 28 26 3.9 1.3 39 43 35 43 . 4 . B 40 40 46 23 3.9 39 39 34 24 -16/-17 -18/-19 -20/-21 -22/-23 -24/-25 -26/-27 -28/-29 -30/-31 2.8 1.1 32 32 33 33 41 4.5 . 3 42 42 2.4 1.0 28 28 33 28 3.6 33 33 33 31 2.7 25 25 25 40 3.0 26 26 25 26 1.8 15 16 30 15 Mean No. of Hours with Temperature Rel. Hum. : 0 F ± 32 F ≥ 67 F \* 80 F ≥ 93 F Total ≥ 73 F Dry Bulb Wet Bulb

57-66

Dew Point

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 26102          | Pil  | 1 3      | MILH     |                                               | TATION N    |          |          |               |          | 57-         | 00       |           |        | YE      | ARS     |            |          |             |        |               | EB<br>NTH |
|----------------|------|----------|----------|-----------------------------------------------|-------------|----------|----------|---------------|----------|-------------|----------|-----------|--------|---------|---------|------------|----------|-------------|--------|---------------|-----------|
|                |      |          |          |                                               |             |          |          |               |          |             |          |           |        |         |         |            |          | PAGI        | 2      | 1800<br>HOURS |           |
| Temp.          |      |          |          | ,                                             | ,           |          |          |               |          | EDEPRE      |          |           |        |         |         |            |          | TOTAL       |        | TOTAL         |           |
| (F)<br>-32/-33 | 0 2  |          |          | . 5 - 6                                       | 7 - 8       | 9 - 16   | 11 - 12  | 13 - 14       | 15 - 1   | 5 17 - 18   | 19 - 20  | 21 - 22 2 | 3 - 24 | 25 - 26 | 27 - 28 | 29 - 30    | ≥ 31     | D.B. W.B.   |        |               |           |
|                | 1.6  |          |          |                                               | i           | ł        |          | i             |          | }           | ļ        | , ,       | - 1    |         |         | j          |          | 14          | 14     | 14            |           |
| -34/-35        | 1.0  |          | ,<br>,   |                                               | <del></del> | <u> </u> | <u> </u> | <del></del> - | .i       | <del></del> |          |           |        |         |         | ļ <u> </u> | ↓        | 13          | 13     | 13            |           |
| -36/-37        |      |          |          |                                               | 1           | ļ        |          | 1             | ļ        | -           | ļ        | ļ         | J      |         | J       | }          | ļ        |             | 10     |               |           |
| -38/-39        |      |          |          | ·                                             | l           |          | ì        |               | <u> </u> |             |          | 1         |        |         |         | L          |          | li          | 6      |               | l         |
| -4C/-4T        |      |          | 1        | 1                                             |             | 1        | 1        | -             | 1        |             |          |           |        |         | i       |            | Į.       | i i         | 3      |               |           |
| -42/-43        |      |          | i        | 1                                             | L           | i        | İ        |               | <u> </u> |             |          |           |        |         |         | İ          |          | 1           |        |               |           |
| -44/-45        |      |          |          | 1                                             |             |          |          |               |          | 1           |          |           |        |         |         |            |          |             | 1      |               |           |
| -46/-47        |      |          |          | Ĺ                                             |             |          |          |               | l        |             | L        |           |        |         | L       | L          | <u> </u> |             |        |               | L.        |
| =48/=49        |      |          | ]        | 1                                             |             |          |          |               |          |             |          |           |        |         |         |            | I        |             | 2      |               |           |
| TUTAL          | 70.9 | 27.9     | 1.4      | 1                                             |             |          | <u>L</u> |               |          | 1           |          |           |        |         |         |            | <u> </u> |             | 846    |               | i         |
|                | -    | 1        |          |                                               |             |          |          |               |          |             | I        |           |        |         |         |            |          | 824         |        | 824           |           |
| - : ;          |      |          | !        | L                                             |             | <u> </u> | <u> </u> |               | <u></u>  |             | _        |           |        |         |         | 1          |          |             |        |               |           |
|                |      |          |          |                                               |             |          |          |               |          | 1           |          | 1         |        |         |         |            |          |             |        |               |           |
|                |      |          |          | 1                                             | 1           |          |          | <u> </u>      |          | 1_          | !        | j         | j      |         | 1       | 1          | j        | j l         |        |               |           |
|                |      |          |          |                                               |             | I        |          |               |          |             |          |           |        |         |         | 1          | T        | i           |        |               | •         |
|                |      |          |          |                                               |             |          | 1_       | 1             |          | 上           |          |           |        |         |         | İ          |          |             |        |               |           |
|                |      |          |          | 1                                             | T           | 1        |          | 1             |          |             |          |           |        |         |         |            |          | •           |        | •             |           |
|                |      | i        | 1        | !                                             |             |          |          | ļ             |          | 1_          | 1        |           |        |         |         | ĺ          |          | i ·         |        |               |           |
| . –            |      |          |          | T                                             |             |          |          |               | T        |             |          |           |        |         |         |            |          |             |        |               |           |
|                |      |          | :        | ı                                             |             | İ        |          |               | 1        |             |          |           | - 1    |         |         | ]          |          | 1           | 1      |               |           |
|                |      |          |          |                                               |             | 1        | 1        | 1             |          |             |          |           |        |         |         |            |          | 1           |        |               | •         |
|                |      |          | 1.       |                                               |             |          |          | L             | <u></u>  |             |          | 11.       |        |         |         | [          |          | 1 1         | i      |               |           |
|                | •    | • • • •  | I        | 1                                             |             |          | 1        | T             |          |             |          |           |        |         |         |            |          |             |        |               | •         |
|                |      |          |          |                                               |             |          | l .      | 1             |          | 1.          | ŀ        |           | - 1    |         |         |            |          | i i         |        |               |           |
|                |      |          |          |                                               |             |          |          | 1             |          | T           |          |           |        |         |         |            |          |             | :      |               |           |
|                |      |          | İ        | 1                                             |             |          |          |               |          |             |          |           | - 1    |         |         | l          | ĺ        |             |        |               |           |
|                |      |          |          |                                               |             |          |          |               |          |             |          |           |        |         |         |            |          |             |        |               |           |
|                |      |          |          |                                               |             |          |          |               |          |             |          |           |        |         |         | 1          |          | 1 1         |        |               |           |
|                |      | !        | -        |                                               |             |          |          | 1             |          |             |          |           |        |         |         |            |          |             |        |               | •         |
|                |      |          |          | !                                             |             |          |          | l             | <u> </u> |             |          | Ll        |        |         |         |            | L        |             |        |               |           |
|                |      | į        |          |                                               |             |          |          |               |          | ]           |          |           |        |         |         |            |          |             |        |               |           |
|                |      | l        | <u>.</u> | 1                                             | <u> </u>    | ļ        |          | <u> </u>      |          |             | L        |           | [      |         |         | L          |          |             |        |               |           |
|                |      | ;        | j        |                                               |             |          |          |               |          |             |          | 1 T       | T      |         |         |            |          | -           |        |               | 1         |
|                |      | <u> </u> | <u> </u> | <u>i                                     </u> |             | <u> </u> |          |               | <u></u>  |             | <u> </u> | 1         |        |         |         | <u></u>    |          | ii          |        |               | <u></u>   |
| Element (X)    |      | Σχ'      |          |                                               | ZX          |          | X.       | 9             |          | No. Oi      |          |           |        |         |         |            |          | h Temperati |        |               |           |
| Rel. Hum.      |      |          | 1176     |                                               | 605         |          |          |               |          |             | 2.4      | : 0 F     | 1      | 32 F    | ≥ 67    | F          | 73 F     | • 80 F      | - 93 F |               | Total     |
| Dry Bulb       |      |          | 4330     |                                               | -57         |          | -0,1     | 16.6          | 201      |             | 46       | 54,       |        | 33.4    |         |            |          | L           |        |               |           |
| Wet Bulb       |      |          | 658      |                                               | -51         |          | -0.      | 15.           | 45       |             | 24       | 54,       | 0      | 3,9     |         |            |          | <b></b>     | ↓      |               |           |
| Dew Point      | i    | 20       | 7437     | 7                                             | -101        |          | -12.     | 74 6 6        | 0.4      | a           | 24       | 79.       | .∪⊨ 0  | 84.0    | į.      | 1          |          | 1           | 1      | 1             |           |

DATA PROCESSING DIVISION USAF ETAG AIR REATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

FIRT SMITH NUT DUT APT PER 26102 57=66 2100-2300 PAGE 1

|              | -            |       |     |             |                | WET      | BULB T  | EMBER   | A 7110 E | DEDD           | . C.C.I.O.N. | (E)          |                                                  |                |               |          |                | ! ====             |              | HOURS IL.  |          |
|--------------|--------------|-------|-----|-------------|----------------|----------|---------|---------|----------|----------------|--------------|--------------|--------------------------------------------------|----------------|---------------|----------|----------------|--------------------|--------------|------------|----------|
| Temp.<br>(F) |              |       |     |             |                |          |         |         |          |                |              |              | г                                                | F              | 12.21         |          |                | TOTAL<br>D.B. W.B. |              | TOTAL      |          |
| 347-33       | <del>0</del> | 1 - 2 |     |             | 7 - 8 - 9      | 7 - 10   | 11 - 12 | 13 - 14 | 15 - 16  | 17 - 18        | 19 - 20      | 21 - 22      | 23 - 24                                          | 25 - 26        | 27 - 28       | 29 - 30  | 31             | V.B. W.B. [        | Dry Bulb     | Wet Bulb D | Pew Poir |
| 32/ 31       |              | • 1   | • 1 |             |                |          |         | i       |          |                | İ            | ļ            |                                                  |                |               |          | 1              |                    | 2            |            |          |
|              |              | • •   | . 4 |             |                | !        |         |         |          | ļ <u>.</u>     | ļ            |              | ļ                                                | <u> </u>       |               |          |                | 6                  | - 6          | 1          |          |
| 30/ 29       |              | . 4   |     | - !         |                |          |         |         |          | -              | Ì            |              | }                                                |                |               |          | 1              | 31                 | 3            | 2          |          |
| 28/ 27       | • 1          | . 5   |     | i_          |                |          |         |         |          |                |              |              |                                                  |                |               |          | į              | 5                  | 5            | 7          |          |
| 25/ 25       | • 1          | . 3   |     |             |                | <u>-</u> |         |         |          |                |              |              | I                                                |                |               |          |                | 3                  | 3            | 5          |          |
| 24/ 23       | . 3          | . 4   |     |             |                |          | -       | ļ       |          |                |              |              |                                                  | ļ              |               |          | İ              | 7                  | 7            | 4          | ć        |
| 22/ 21       | . 3          | 1.0   |     |             |                |          |         |         |          |                |              |              | † · -                                            | 1              | 1             |          | 1              | 10                 | 10           | 10         | 3        |
| 20/ 19       | 1.3          | 1.9   |     |             |                | -        |         |         |          |                |              |              |                                                  |                |               |          | į              | 25                 | 25           | 15         | 3        |
| 18/ 17       | . 6          | 1.3   |     |             |                |          |         |         |          |                |              |              |                                                  | 1              |               |          | 1              | 15                 | 15           | 27         | 13       |
| 16/ 15       | 1.9          | . 9   | i   | }           |                | ļ        |         | - 1     |          |                | l            |              | 1                                                |                | ! i           |          | i              | 22                 | 22           | 21         | 14       |
| 14/ 13       | 1.3          | . 6   |     |             |                |          |         |         |          |                |              | <del> </del> | t                                                | †              |               |          | +              | 17                 | 17           | 16         | 31       |
| 12/ 11       | 1.2          | . 9   |     |             |                |          | ţ       |         |          |                |              |              |                                                  |                |               |          |                | 16                 | 16           | 14         | 17       |
| 10/ 9        | 1.0          | . 9   |     | <del></del> | +              | -+       |         |         |          |                | <u> </u>     | 1            | <del>                                     </del> | <del> </del> - | <del>  </del> |          | +              | 15                 | 15           | 21         | 1        |
| 8/ 7         | 1.4          | . 4   |     | - 1         | 1              |          | 1       | -       |          |                |              |              |                                                  |                |               |          |                | 14                 | 14           | 14         | 14       |
| 6/ 5         | 3.1          | . 6   |     |             | <del>-</del> - |          |         |         |          | <del> </del>   | <b>├</b>     | <del> </del> | <del>                                     </del> | <del> </del>   | 1 -           |          | <del> </del>   | 29                 | 29           | 27         | 13       |
| 4/ 3         | 3.2          | 1.7   |     | 1           | 1              | 1        | Ì       |         |          |                | İ            |              | 1                                                |                | [ [           |          | 1              | 38                 | 38           | 31         | 14       |
| 2/ 1         | 2.7          | . 6   |     |             |                |          |         |         |          |                | -            | ļ            |                                                  | <del> </del>   | i             |          | +              | 26                 | 26           | 31         | 2        |
| 0/ -1        | 2.4          | 1.8   |     |             |                | - 1      | [       | ĺ       |          |                |              |              | ŀ                                                |                |               |          | 1              | 33                 | 33           | 29         | 2 1      |
| -Z/ -3       |              |       |     |             |                |          |         |         |          | ļ              |              | ļ            | ļ                                                | ļ              | <b></b> _     |          | ļ              |                    |              |            |          |
|              | 3.5          | 1.0   |     |             |                |          | ł       |         |          | ļ              |              |              |                                                  |                |               |          |                | 35                 | 35           | 40         | 37       |
| -4/ -5       | 4.0          | 1.0   |     |             |                |          |         |         |          | <b></b>        |              |              |                                                  | ļ              | L             |          |                | 39                 | 39           | 38         | 30       |
| -6/ -7       | 1.8          | 1.2   |     |             |                |          | 1       |         |          |                |              | 1            |                                                  | 1              |               |          |                | 23                 | 23           | 25         | 24       |
| -8/ -9       | 2.7          | . 4   |     |             |                |          |         |         |          | L              | <u> </u>     |              |                                                  |                |               |          |                | 24                 | 24           | 25         | 3 )      |
| 10/-11       | 3,3          | 1.0   |     |             | į              |          | i       |         |          |                |              |              |                                                  | İ              |               |          |                | 34                 | 34           | 30         | 36       |
| -12/-13      | 2.7          | . 8   |     |             |                |          |         |         |          |                |              |              |                                                  |                |               |          |                | 27                 | 27           | 30         | 23       |
| -14/-15      | 4.0          | • 1   |     |             |                |          |         |         |          |                |              |              |                                                  |                |               |          | T              | 32                 | 32           | 34         | 2.       |
| 16/-17       | 3.8          | • 1   |     |             |                |          |         |         |          |                |              |              | İ                                                |                |               |          | 1              | 31                 | 31           | 31         | 2 1      |
| 18/-19       | 3.6          | . 4   |     |             |                |          |         |         |          |                |              |              | 1                                                |                |               |          | 1              | 31                 | 31           | 30         | 3:       |
| 20/-21       | 5.2          | l     |     | i           |                |          |         | j       |          |                |              |              |                                                  |                |               |          | 1              | 41                 | 41           | 42         | 34       |
| 227-23       | 4.9          | . 6   |     |             |                | -+       |         |         |          | <b></b>        | 1            |              | <b>†</b>                                         | 1              |               |          | 1              | 43                 | 43           | 41         | 2!       |
| 24/-25       | 3.8          | . 4   |     |             | j              | 1        | [       | j       |          |                |              |              |                                                  | 1              |               |          |                | 33                 | 33           | 33         | 37       |
| 26/-27       | 3.6          | - 4   |     |             |                |          |         |         |          | 1              | <del> </del> | <del> </del> | <del> </del>                                     | <b>†</b>       |               |          | 1              | 31                 | 31           | 32         | 32       |
| 28/-29       | 3.3          | • 1   |     | ļ           |                |          |         |         |          |                |              |              | 1                                                |                |               |          | 1              | 27                 | 27           | 28         | 33       |
| 30/-31       | 1.8          | . 3   |     |             |                |          |         |         |          | <del> </del> - |              | <del> </del> | <del> </del>                                     | <del> </del>   |               |          | <del> </del>   | 16                 | 16           | 16         | - 34     |
| -32/-33      | 2.6          |       |     |             | j              |          |         | j       |          |                |              |              |                                                  | 1              |               |          | 1              | 20                 | 20           | 20         | 34       |
| Element (X)  |              | Σχ²   |     | Z           | <del></del>    | ┰-       | x       |         |          | No. OI         | 15.          |              | Ц                                                |                | Mean N        | ta. of b | l<br>lours wit | h Temperatu        |              |            |          |
| Rel. Hum.    |              |       |     |             |                |          |         |         |          |                |              | = 0          | F                                                | ≤ 32 F         | ≥ 67          |          | ≥ 73 F         | ≥ 80 F             | ≠ 93 F       | T.         | eral     |
| Dry Bulb     |              |       |     |             |                | +-       |         |         | -        | •              |              | - 0          | -                                                | - 32 F         | - 67          | -        | - /3 F         | * 60 P             | 73 F         | -+'        |          |
| Wet Bulb     |              |       |     |             |                | +-       |         |         | -        |                |              | <del></del>  |                                                  |                |               |          |                | <del> </del> -     | <del> </del> |            |          |
| :            | ···-         |       |     |             |                |          |         |         | -        |                |              |              |                                                  |                |               | +        |                |                    | <b>⊢</b>     |            |          |
| Dew Point    |              |       |     |             |                |          |         |         | L        |                |              |              |                                                  |                |               |          |                |                    | I            |            |          |

USAFETAC FORM 0.26-5 (OLA) REVISIO MENGOS DEFICANS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SEPVICE/MAC

## **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DUT APT 26102 54A7.UN FER 57-66 2100-2300 HOURS (L, S, T,) PAGE 2

| Temp.        |      |          |              |            |              | WET    | BULB    | FEMPER  | ATURE   | DEPRE                                            | SSION (  | F)                                               |          |                                                  |                                                  |          |              | TOTAL                                            |                                                  | TOTAL                                            |        |
|--------------|------|----------|--------------|------------|--------------|--------|---------|---------|---------|--------------------------------------------------|----------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|----------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------|
| (F)          | 0    | 1 - 2    | 3 - 4        | 5 - 6      | 7 - 8        | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18                                          | 19 - 20  | 21 - 22 2                                        | 23 - 24  | 25 - 26                                          | 27 - 28                                          | 29 - 3   | 0 ≥ 31       | D.B. W.B.                                        | Dry Bulb                                         | Wet Bulb (                                       | Dew Po |
| 34/-35       | 1.0  |          |              |            |              | [      |         |         |         |                                                  |          |                                                  |          | I                                                |                                                  |          |              | 8                                                | 12                                               |                                                  | 3      |
| 36/-37       | • 1  |          |              |            | ļ.,          | į .    | ļ .     |         |         | ļ                                                | ,        |                                                  |          | Į.                                               | 1                                                |          | ]            | 1                                                | 13                                               | 1                                                | 2      |
| 38/-39       |      |          | ·            | i ————     | 1            |        |         |         |         | 1                                                |          |                                                  |          |                                                  |                                                  |          |              |                                                  | 70                                               |                                                  | 7      |
| 40/-41       |      |          |              |            | 1            |        |         |         |         |                                                  | į        |                                                  |          |                                                  |                                                  | İ        |              | -                                                | 14                                               |                                                  |        |
| 42/-43       |      |          | !            |            |              |        |         |         |         | <u> </u>                                         |          | -                                                |          |                                                  |                                                  |          | <del> </del> |                                                  | 7                                                |                                                  |        |
| 44/-45       |      |          | į            |            |              |        | ŀ       |         |         |                                                  |          |                                                  |          | İ                                                |                                                  | ĺ        |              |                                                  | 4                                                |                                                  |        |
| 46/-47       |      |          |              | i          |              |        |         |         |         | -                                                |          |                                                  |          | <del>                                     </del> |                                                  |          | 1            | <del>                                     </del> | 1                                                |                                                  |        |
| 48/-49       |      |          |              |            |              |        | ļ       |         |         | 1                                                |          |                                                  |          |                                                  |                                                  |          |              |                                                  | 2                                                |                                                  |        |
| TAL          | 76.7 | 72.5     | . 8          |            |              |        |         |         |         | <b>†</b>                                         |          |                                                  |          |                                                  |                                                  |          | +-           | -                                                | 846                                              |                                                  | 78     |
|              |      |          |              | !<br>:     |              |        |         |         |         |                                                  |          |                                                  |          | i                                                |                                                  |          | í            | 782                                              |                                                  | 782                                              | •      |
|              |      |          | -            |            |              |        |         |         |         | <del> </del>                                     |          |                                                  |          |                                                  | <del>                                     </del> |          | +            | 1                                                | ·                                                |                                                  |        |
|              |      |          |              |            |              |        |         |         |         |                                                  |          |                                                  |          |                                                  |                                                  |          | İ            |                                                  |                                                  |                                                  |        |
|              |      |          |              |            |              |        |         |         |         | <del> </del>                                     |          |                                                  |          |                                                  | <del> </del>                                     |          | <del> </del> | -                                                | ļ · · · · · · ·                                  | +                                                |        |
| i            |      |          |              |            |              | 1      | 1       |         |         |                                                  |          |                                                  |          | Į.                                               |                                                  |          | 1            |                                                  | 1                                                |                                                  |        |
| <del>-</del> |      |          |              |            |              |        |         |         |         | <del>                                     </del> |          | <del>                                     </del> |          | <del> </del> -                                   | <del> </del>                                     | -        | +            | <del>                                     </del> |                                                  | <del>                                     </del> |        |
|              |      |          | (            |            | \            |        | 1       |         |         |                                                  |          |                                                  |          |                                                  |                                                  |          |              |                                                  |                                                  |                                                  |        |
| :            |      |          | <del>-</del> |            | <del> </del> |        |         |         |         | <del> </del>                                     |          |                                                  |          | <del> </del>                                     |                                                  |          | +            | <del>                                     </del> |                                                  | <del>                                     </del> |        |
| 1            |      |          | i            |            |              | ŀ      |         |         |         |                                                  |          |                                                  |          | 1                                                | ļ                                                |          |              |                                                  | 1                                                | ]                                                |        |
|              |      |          | i            |            | !            | ļ      | ļ       |         |         | <del> </del>                                     |          | <del>                                     </del> |          | <del> </del>                                     | <del> </del>                                     |          | <del> </del> | <del> </del>                                     |                                                  | -                                                |        |
|              | l    |          |              |            |              |        |         | ļ       |         | İ                                                |          |                                                  |          |                                                  | 1                                                |          |              | Ì                                                |                                                  | 1                                                |        |
|              | ·    |          | <del> </del> |            | ļ            |        |         |         |         | -                                                |          | -                                                |          | -                                                |                                                  | -        | <del> </del> | <del> </del>                                     |                                                  |                                                  |        |
|              |      | l<br>I   | !            | i          | 1            |        |         |         |         |                                                  |          |                                                  |          | 1                                                |                                                  | 1        |              |                                                  |                                                  |                                                  |        |
| 1            |      | ļ        | <u> </u>     | ļ <u> </u> | <b>i</b>     |        |         |         |         | ļ.—                                              |          |                                                  |          |                                                  | <del></del>                                      |          | <del></del>  | <del></del>                                      |                                                  |                                                  |        |
|              |      | !        | i            | ĺ          | ĺ            |        | ĺ       |         | ĺ       | 1                                                | í I      | 1                                                |          | 1                                                | l                                                | ĺ        | 1            | 1                                                | ĺ                                                | 1                                                |        |
|              |      | ļ        | 1            | ļ          |              | ļ      | 1       | L       |         | <b>└</b>                                         |          |                                                  |          |                                                  | <b>-</b>                                         |          | 4            |                                                  |                                                  |                                                  |        |
| 1            |      |          | į            | İ          | ļ            |        |         |         |         |                                                  |          |                                                  |          | ì                                                |                                                  |          | ľ            |                                                  | l<br>I                                           |                                                  |        |
|              |      |          | ļ            |            | <u> </u>     | ļ      | L       |         |         | L                                                |          |                                                  |          | <u></u>                                          | ļ                                                | <u> </u> | ↓            |                                                  |                                                  |                                                  |        |
| į            | 1    | i        | ł            | ł          | 1            |        | 1       | ĺ       | }       | 1                                                |          |                                                  |          | 1                                                | 1                                                | 1        | 1            |                                                  | ļ                                                |                                                  |        |
|              |      |          | i            |            | l            | L      | l       |         |         |                                                  |          |                                                  |          |                                                  | L                                                |          | J            | <u> </u>                                         |                                                  |                                                  |        |
|              |      |          |              | 1          | ĺ            |        |         |         |         |                                                  |          |                                                  |          |                                                  |                                                  |          |              |                                                  |                                                  |                                                  |        |
|              |      | <u>[</u> | i            | !          | L            | L      | L       |         |         | L                                                |          |                                                  |          |                                                  |                                                  | L        | L_           | <u></u>                                          |                                                  |                                                  |        |
| Ī            |      | i        |              | 1          |              |        |         |         |         | 1                                                |          |                                                  |          |                                                  |                                                  |          |              |                                                  |                                                  |                                                  |        |
| 1            |      | i        | l            |            | l            |        |         |         |         | l                                                | L        | l                                                |          |                                                  | L                                                | L        |              | 1                                                |                                                  |                                                  |        |
|              |      |          | 1            |            | I            |        |         |         |         |                                                  |          |                                                  |          |                                                  |                                                  |          |              |                                                  |                                                  |                                                  |        |
| }            |      |          | 1            | ł          |              |        |         | l       |         | Ι.                                               | <u> </u> |                                                  |          |                                                  |                                                  |          |              |                                                  |                                                  |                                                  |        |
| Element (X)  |      | Σχ²      |              |            | Σχ           |        | X.      | · · ·   |         | No. Ol                                           |          |                                                  |          |                                                  | Mean I                                           | No. of I | lours wil    | h Tempera                                        | ture                                             | •                                                |        |
| Rel. Hum.    |      |          | 4543         |            | 383          |        | 74.7    | 8,3     | 71      |                                                  | 81       | ± 0 F                                            |          | 32 F                                             | ≥ 67                                             | F        | ≥ 73 F       | = 80 F                                           | × 93 1                                           | F T                                              | otal   |
| Dry Bulb     |      |          | 0345         |            | -80          | 47     | -9.5    | 17.6    | 69      | 8                                                | 46       | 58.                                              | 9        | 83.8                                             |                                                  |          |              |                                                  | 1                                                |                                                  | 8      |
| Wet Bulb     |      |          | 6809         |            | -57          | 71     | -7.3    | 15.7    | 99      | 7                                                | 82       | 57.                                              | 3        | 84.0                                             | <b></b>                                          |          |              | t                                                | <del>                                     </del> |                                                  | - 15   |
| Dew Paint    |      | 76       | 6474         | +          | -181         | 13     | 12.9    | 17.0    | AB      |                                                  | 81       | 64.                                              | <b>Z</b> | 84.0                                             |                                                  |          |              | +                                                | -+                                               |                                                  | 8      |

USAFETAC FORM 0.26-5 (OL.A) BEVISTO MENDOUS EDITIONS OF THIS FORM ARE OBSOILER

## **PSYCHROMETRIC SUMMARY**

| 26102            | FIRT SMITH NWT DOT APT                                                                                                                                     |       |          |                   |       |        |         |                                                  |         | 57.                                              | 57=66  VEARS  PAGE 1                             |              |          |              |                |              |              |            |          | MAR      |          |  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-------------------|-------|--------|---------|--------------------------------------------------|---------|--------------------------------------------------|--------------------------------------------------|--------------|----------|--------------|----------------|--------------|--------------|------------|----------|----------|----------|--|
| STAT, JN         | STATION NAME                                                                                                                                               |       |          |                   |       |        |         |                                                  |         | MONTH 0000-0200 HOURS (L. S. T.)                 |                                                  |              |          |              |                |              |              |            |          |          |          |  |
| Temp.            | WET BULB TEMPERATURE DEPRESSION (F)  0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 |       |          |                   |       |        |         |                                                  |         |                                                  |                                                  |              |          |              | TOTAL          |              | TOTAL        |            |          |          |          |  |
| (F)              | 0                                                                                                                                                          | 1 - 2 | 3 - 4    | 5 - 6             | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14                                          | 15 - 16 | 17 - 18                                          | 19 - 20                                          | 21 - 22      | 23 - 2   | 4 25 - 26    | 27 - 28        | 29 - 30      | ≥ 31         | D.B./W.B.  | Dry Bulb | Wet Bulb | Dew Poin |  |
| 48/ 47           |                                                                                                                                                            |       |          | . 1               |       |        |         |                                                  |         | ļ                                                |                                                  |              |          |              | 1              |              |              | 1          | 1        |          |          |  |
| 40/ 45           | _ :                                                                                                                                                        |       |          | • 2               |       |        |         | L                                                |         |                                                  | ļ                                                |              |          |              | ļ              |              |              | 2          | 2        |          |          |  |
| 42/ 41           |                                                                                                                                                            |       | I        |                   |       |        |         |                                                  |         | 1                                                |                                                  |              |          |              |                |              | 1            |            |          | 2        |          |  |
| 40/ 39           |                                                                                                                                                            |       | <b>x</b> |                   |       |        |         | 1                                                |         | Ĺ                                                | <b>I</b> —                                       | ļ            |          |              | 4              |              | <u> </u>     | ĹI         |          | 1        |          |  |
| 36/ 37           | 1                                                                                                                                                          | • 1   | i        | ٠,                | i     |        |         |                                                  |         |                                                  | İ                                                |              |          |              | İ              |              |              | 5          |          | _        |          |  |
| 36/ 35<br>34/ 33 | :                                                                                                                                                          | - 4   |          | . 1               |       |        |         |                                                  |         |                                                  | <b>↓</b>                                         | <del> </del> |          |              |                | ļ            | -            | 10         | 10       | 1 i      |          |  |
| 32/ 31           | 3                                                                                                                                                          | . 8   |          | }                 | 1     |        |         | ļ ļ                                              |         | 1                                                | į .                                              | 1            |          |              | }              | ļ            | 1            | 10         | 10       |          | 2        |  |
| 30/ 29           | .2                                                                                                                                                         | •1    |          |                   |       |        |         | <u> </u>                                         |         | ├                                                | <u> </u>                                         | ┼            | -        |              | <del> </del>   |              | <u> </u>     | 14         | 14       | 12       | 7        |  |
| 28/ 27           | . 7                                                                                                                                                        | .9    |          | 1                 |       |        |         | i i                                              |         |                                                  |                                                  |              |          |              |                |              |              | 15         | 15       | 11       | 14       |  |
| 26/ 25           | . 3                                                                                                                                                        |       |          |                   |       |        |         | <del>                                     </del> |         |                                                  | <del> </del>                                     |              | <u> </u> | +            | +              | <del> </del> | -            | 14         | 14       |          | 1.9      |  |
| 24/ 23           | • -                                                                                                                                                        | 2.ž   |          |                   | - 1   | - 1    |         |                                                  |         | 1                                                | 1                                                | 1 1          |          | ĺ            |                | 1            | ĺ            | 21         | 21       | 1 - 1    | 10       |  |
| 22/ 21           | , 4                                                                                                                                                        |       |          |                   |       |        |         | <b>-</b> -i                                      |         |                                                  | <del> </del>                                     | +            | -        | +            | ╄──            | <del></del>  | ├            | 24         | 24       |          | 12       |  |
| 20/ 19           | . 5                                                                                                                                                        |       |          |                   |       |        |         | ļ i                                              |         |                                                  | l                                                |              |          |              |                |              | 1            | 23         | 23       |          | i        |  |
| 10/ 17           | 1.3                                                                                                                                                        | _     |          | $\longrightarrow$ |       |        |         | <del>  </del>                                    |         | <del> </del> -                                   | <del> </del>                                     | +            | <u> </u> | <del> </del> | <del> </del>   |              | ļ.——         | 37         | 37       | 38       | Ž        |  |
| 16/ 15           | 1.4                                                                                                                                                        | 1.4   | ĺ        |                   |       |        |         |                                                  |         |                                                  |                                                  |              |          |              |                |              |              | 26         | 26       | 1        | 2        |  |
| 147 13           | 2.1                                                                                                                                                        |       |          |                   |       |        |         |                                                  |         |                                                  |                                                  | <del> </del> |          | <del></del>  | <del> </del>   | <del></del>  | <del> </del> | 44         | 44       | 38       | 24       |  |
| 12/ 11           | 1.2                                                                                                                                                        |       |          |                   | i     |        |         |                                                  |         | 1                                                | 1                                                |              |          |              |                |              | 1            | 37         | 37       |          | 38       |  |
| 10/ 9            | 2.2                                                                                                                                                        |       |          |                   |       |        |         |                                                  |         | <del> </del>                                     | <del> </del>                                     | +            |          | +            | ┼              | ┼──          | <del>├</del> | 39         | 39       |          | 30       |  |
| 8/ 7             | 1.2                                                                                                                                                        |       |          |                   |       | i      |         |                                                  |         |                                                  |                                                  |              |          |              | 1              |              |              | 31         | 31       | 28       | 26       |  |
| 6/ 5             | 3.9                                                                                                                                                        |       |          |                   |       |        |         |                                                  |         | <del> </del>                                     | <del>                                     </del> |              |          | +            | <del> </del> - |              |              | 49         | 49       | 55       | 31       |  |
| 4/ 3             | 2.1                                                                                                                                                        | 1.3   | ļ        |                   | )     |        |         |                                                  |         | ļ                                                | ]                                                |              |          |              | ]              | }            | J            | 31         | 31       | 30       | 36       |  |
| 2/ 1             | 2.1                                                                                                                                                        | 1.2   |          | ! — !             |       |        |         |                                                  |         | <del> </del>                                     |                                                  | +            |          | +            | <del> </del>   |              |              | 30         | 30       | 31       | 47       |  |
| 0/ -1            | 2.8                                                                                                                                                        | . 8   |          |                   |       |        |         | 1                                                |         | 1                                                |                                                  |              |          |              |                |              |              | 33         | 33       | 38       | 31       |  |
| -2/ -3           | 2.6                                                                                                                                                        | . 8   |          |                   |       |        |         |                                                  |         |                                                  |                                                  | †            |          | <del></del>  | 1              | <u> </u>     | t            | 31         | 31       | 35       | 3(       |  |
| -4/ -5           | 2.7                                                                                                                                                        | . 8   |          | i i               | 1     | i      |         | i                                                |         | ł                                                | i .                                              | 1            |          |              |                | l            | 1            | 32         | 32       | 32       | 3 3      |  |
| -6/ -7           | 3.3                                                                                                                                                        | .9    |          |                   |       |        |         |                                                  |         | <del>                                     </del> |                                                  |              |          |              | $\vdash$       | <u> </u>     | <del> </del> | 38         | 38       | 38       | 34       |  |
| -8/ -9           | 3.7                                                                                                                                                        | . 9   |          |                   |       |        |         |                                                  |         |                                                  |                                                  |              |          | !            |                |              |              | 42         | 42       | 39       | 3 1      |  |
| 107-11           | 2.8                                                                                                                                                        | .7    |          |                   |       |        |         |                                                  |         |                                                  | <del> </del>                                     |              |          | 1            | T              |              |              | 32         | 32       | 36       | 25       |  |
| 12/-13           | 4.5                                                                                                                                                        | . 8   |          |                   |       |        |         |                                                  |         |                                                  |                                                  |              |          | 1            |                | 1            |              | 48         | 48       | 47       | 34       |  |
| 14/-15           | 2.4                                                                                                                                                        | . 5   |          |                   |       |        |         |                                                  |         |                                                  |                                                  |              |          | T            |                |              | T            | 27         | 27       | 26       | 32       |  |
| 16/-17           | 2.8                                                                                                                                                        | • 7   |          |                   |       |        |         | L                                                |         | <u> </u>                                         | l .                                              |              |          | 1            |                |              |              | 32         | 32       | 34       | 35       |  |
| 18/-19           | 2.7                                                                                                                                                        |       |          | i .               |       |        |         |                                                  |         |                                                  |                                                  |              |          |              |                |              |              | 26         | 26       |          | 38       |  |
| 20/-21           | 2.5                                                                                                                                                        | . 3   |          |                   |       |        |         |                                                  |         |                                                  |                                                  |              |          |              |                |              |              | 26         | 26       | 24       | 31       |  |
| Element (X)      |                                                                                                                                                            | Σx'_  |          |                   | X     |        | X       | <b>₹</b>                                         |         | No. O                                            | bs.                                              |              |          |              | Mean           | No. of H     | ours wit     | h Temperat | ure      |          |          |  |
| Rel. Hum.        |                                                                                                                                                            |       |          | L                 |       |        |         |                                                  |         |                                                  |                                                  | = 0 1        | F        | ≤ 32 F       | ≥ 67           | F            | 73 F         | ≥ 80 F     | ≥ 93     | F 1      | Total .  |  |
| Dry Bulb         |                                                                                                                                                            |       |          |                   |       |        |         | L                                                |         |                                                  |                                                  |              |          |              | <u> </u>       |              |              | ļ <u>.</u> | 1        |          |          |  |
| Wet Bulb         |                                                                                                                                                            |       |          | l _ · _           |       |        |         |                                                  |         |                                                  |                                                  |              |          |              |                |              |              | L          | -        |          |          |  |
| Dew Paint        |                                                                                                                                                            |       | _        |                   |       |        |         |                                                  |         |                                                  |                                                  | L            |          | _            | 1              |              |              |            | 1.       |          |          |  |

USAFETAC FORM 0.26-5 (OLA)

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SEPVICE/MAC

### **PSYCHROMETRIC SUMMARY**

FORT SHITH NWT DOT APT 57=66 26102 MAR PAGE 2 0000-0200 HOURS .. S. T. -24/-25 -26/-27 6 26 -28/-29 -30/-31 1.4 • 2 15 13 23 ा.व -32/-33 6 15 6 -34/-35 • 2 14 -36/-37 10 -38/-39 -40/-41 -42/-43 3 2 TUTAL 01.435.5 2.7 930 919 919 919 2 x 69267 75.4 8.845 .517.061 .516.135 Element (X) No. Obs. Mean No. of Hours with Temperature 3292617 919 ± 0 F 46.3 1 32 F ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 930 270692 508 93 Dry Bulb 443 239211 313 91.7 45.4 93 Wet Bulb 296698 919 -4638 55.5 93 Dew Point

EDITIONS OF THIS FORM ARE DISSOLETE 0.26-5 (OL A) MORA JUL 04

| 26102       |                  |          | NET DE |              |             |         | 57-          | -00          |                                                  |         |              | YEARS   |               |             |                |          | MON.       | -     |
|-------------|------------------|----------|--------|--------------|-------------|---------|--------------|--------------|--------------------------------------------------|---------|--------------|---------|---------------|-------------|----------------|----------|------------|-------|
| 3 ********* |                  |          |        |              |             |         |              |              |                                                  |         |              |         |               |             | PAGE           | 1        | 0300.      | -050  |
| Temp.       |                  |          |        | WET BU       | JLB TEMP    | PERATUR | RE DEPR      | ESSION       | (F)                                              |         |              |         |               |             | TOTAL          |          | TOTAL      |       |
| (F)         | 0 1-2            |          |        | 9 - 10 11    | - 12 13 -   | 14 15 . | 16 17 - 18   | 19 - 20      | 21 - 22                                          | 23 - 24 | 25 - 2       | 26 27 - | 28 29 .       | 30 ≥ 31     | D.B. W.B. D.   | y Bulb   | Wet Bulb   | Dew P |
| 44/ 43      |                  | • 1      | . 2    |              |             |         |              | 1            | 1                                                |         | 1            |         | 7             | T           | 3              | 3        |            | _     |
| 40/ 39      |                  |          |        | 1            |             |         |              | <u> </u>     | نــــــــــــــــــــــــــــــــــــــ          |         |              |         |               | _ !         | ·              |          | 3          |       |
| 367 35      | 1.0              |          | 1      |              |             |         | -            |              |                                                  |         | 1            |         |               | - 1         | 10             | 10       |            |       |
| 34/ 33      |                  |          |        |              |             |         |              |              | 11                                               |         | 1            | +       |               |             | 6              | 6        | 9          |       |
| 32/31       | •1. •5           |          | ĺ      | 1 1          | !           | 1       | 1            |              | ! {                                              |         | i            | 1       |               | - !         | 12             | 12       | 7          |       |
| 28/ 27      |                  | 1        |        | +-+          |             |         |              | <del></del>  | <del> </del> <del> </del>                        |         | ↓            |         |               |             | 10             | 10       | 14         |       |
| 26/ 25      | .1 .7            |          | 1      | 1 1          | - 1         | ļ       | 1            | 1            |                                                  |         |              | Ì       | - [           |             | 15             | 7<br>15  | 12         |       |
| 24/ 23      | -11:             |          |        | <del> </del> |             |         | -            | <del> </del> |                                                  |         | <del> </del> | +       |               |             | 13             | 13       | 17         |       |
| 22/ 21      | 1 1.8            |          | 1      |              | i           | i       |              |              |                                                  |         | 1            | ĺ       | -             | İ           | 18             | 18       | 13         |       |
| 20/ 19      | - <del>2</del> 2 |          |        | +-+          | <del></del> | -+-     |              | <del></del>  |                                                  |         | +            | +-      | <del></del> - |             | 25             | 25       | 19         |       |
| 18/ 17      | 1.2 2.4          |          | ſ      |              | 1           | - 1     |              | 1            |                                                  |         | 1            | 1       |               |             | 34             | 34       | 38         |       |
| 16/ 15      | 1.3 2.3          |          |        | <del></del>  |             | -+      | <del> </del> | <del> </del> | 1                                                |         | <del> </del> |         | +             |             | 33             | 33       | 30         |       |
| 14/ 13      | 2.1 1.2          |          | 1      | 1 1          |             | ļ       | )            | }            | } ]                                              |         |              |         |               | j           | 30             | 30       | 35         |       |
| 12/ 11      | 2.2 2.3          | <u> </u> |        | <del> </del> |             | -+      | +            | 1            |                                                  |         | +            |         |               | ~-          | 41             | 41       | 39         | ;     |
| 10/ 9       | 2.0 3.0          | 1        |        |              |             | -       |              |              | 1                                                |         | 1            | 1       | Ì             | - 1         | 45             | 45       | 50         |       |
| 87 7        | 2.2 1.3          |          |        | 1            |             |         | 1            | 1            | 11                                               |         | 1            |         | $\top$        |             | 34             | 34       | 32         |       |
| 6/ 5        | 2.2 2.9          | 1        | - (    |              | 1           | 1       | i            |              | 1 1                                              |         | 1            |         |               |             | 46             | 46       | 41         |       |
| 4/ 3        | 3.2 1.0          |          |        |              |             |         |              |              |                                                  |         |              |         |               |             | 38             | 38       | <b>4</b> P |       |
| 2/ 1        | 2.3 .8           |          |        | 1            |             |         |              | <u> </u>     |                                                  |         | <u> </u>     |         |               |             | 28             | 28       | 28         |       |
| 07 -1       | 2.6              |          |        |              | İ           | j       |              | 1            |                                                  |         | -            |         |               |             | 24             | 28       | 32         |       |
| -2/ -3      | 2.2 1.1          |          |        |              |             |         |              | <u> </u>     | 1                                                |         | <b>_</b>     |         |               |             | 30             | 30       | 28         |       |
| -4/ -5      | 2.4              |          |        |              | ĺ           | ĺ       |              | (            | 1 1                                              |         | 1            |         | 1             |             | 27             | 27       | 25         |       |
| -6/ -7      | 3.3 .4           |          |        |              |             |         |              | <del> </del> | <del>  </del>                                    |         | -            |         |               |             | 26<br>34       | 28<br>34 | 31<br>32   |       |
| -10/-11     | 3.3 .4           |          | Ì      |              | 1           | - 1     |              |              | }                                                |         |              |         |               | 1           | 46             | 46       | 45         |       |
| -12/-13     | 4.2 1.0          |          |        | <del></del>  |             |         |              | <del> </del> |                                                  |         | <del> </del> |         | -+-           |             | 47             | 47       | 48         |       |
| -14/-15     | 3.0              |          | l      |              | ļ           |         |              |              | 1                                                |         | 1            |         | -             | 1           | 29             | 29       | 31         |       |
| =16/=17     | 2.9 .8           |          |        |              |             |         |              | <del></del>  | {{                                               |         | +            | +       | -+-           |             | 31             | 31       | 28         |       |
| -18/-19     | 2.5              | i        |        |              |             | - 1     | 1            |              |                                                  |         | 1            |         |               | 1           | 28             | 28       | 29         |       |
| -20/-21     | 2.1              |          | +      | <del> </del> |             | -+-     |              | <del> </del> | <del>├</del>                                     |         | +            | +       | +             | <del></del> | 19             | 19       | 22         |       |
| -22/-23     | 2.2 .2           |          |        | } }          | }           | 1       | 1            |              |                                                  |         | 1            |         |               | }           | 22             | 22       | 20         |       |
| -24/-25     | 2.2              | +        |        | +            |             |         | -+           | +            | <del>                                     </del> |         | +            | +       | _†_           |             | 20             | 20       | 22         |       |
| -26/-27     | 2.3              |          |        | )            | j           | 1       | ì            |              | ļ ļ                                              |         |              | -       | - 1           | {           | 21             | 21       | 21         | 1     |
| Element (X) | Σχ²              | •        |        | <u> </u>     |             | •       | No. O        | bs.          |                                                  |         |              | Med     | n No. c       | f Hours wi  | th Temperature | •        |            |       |
| Rel. Hom.   |                  |          |        |              |             |         |              |              | ± 0 F                                            | $\perp$ | ₹ 32 F       |         | 67 F          | ≥ 73 F      | ≥ 80 F         | ≠ 93 F   | T          | otal  |
| Dry Bulb    |                  |          |        |              |             |         |              |              |                                                  |         |              |         |               |             |                |          |            |       |
| Wet Bulb    |                  |          |        |              |             |         |              |              |                                                  | $\perp$ |              |         |               |             | 1              |          |            |       |
| Dew Point   |                  | 1        |        | Į            | 1           | i       |              |              |                                                  | - 1     |              | 1       |               |             | 1 1            |          | i          |       |

GATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

MAR MONTH

PAGE 2 0300 = 0500

NOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point 15 15 15 18 -32/-33 1-5 34/-35 8 8 -36/-37 -38/-39 57-66 FORT SMITH NET DUT APT 20102 MAR -38/-39 -40/-41 7 14 14 4 -42/-43 -44/-45 ī -46/-47 909 64.034.5 1.2 930 909 909 No. Obs. 59032 59032 75,9 8.644 -1.417.640 -1.016.472 5310320 5310320 Mean No. of Hours with Temperature Element (X) ≥ 93 F Rel. Hum. ± 32 F ≥ 73 F ≥ 80 F ± 0 F ≥ 67 F Total -1319 91.1 290953 930 48.2 93 Dry Bulb 247292 909 47.6 93 Wet Bulb -5801 909 92.7 93 -6.417.684 320987 57.5 Dew Point

ويباس والمتعادد

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS K-UM ARE OLICUTED JULION OF THIS K-UM ARE OLICUTED

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY:

26102 FORT SMITH NWT DOT APT 57-66 HAR STATION MONTH PAGE 1 0600-0800 HOURS IL. S. T.

| Tem     | р.            |     |          |          |            |        |       | WE       | ΕT  | BULB    | TEMP     | PER        | ATUR      | E C     | EPR   | ESSI | ON ( | F)     |        |        |          |      |      |        |           |          | TOTA     | īΤ    |          | TOTAL   |         | _    |
|---------|---------------|-----|----------|----------|------------|--------|-------|----------|-----|---------|----------|------------|-----------|---------|-------|------|------|--------|--------|--------|----------|------|------|--------|-----------|----------|----------|-------|----------|---------|---------|------|
| (F)     |               | 0   | 1 - 2    | 3 - 4    | 5 -        | - 6    | 7 - 8 | 9 - 1    | 10  | 11 - 12 | 13 -     | 14         | 15 - 1    | 16      | 7 - 1 | 19   | - 20 | 21 - 3 | 22 2   | 3 - 24 | 25       | - 26 | 27 - | 28     | 29 - 3    | 0 231    | D.B./W   | .B. C | ory Bulb | Wet Bul | b Dew F | oin' |
| 44/     |               |     |          |          | T          | . 2    |       | i        |     |         |          |            |           | T       |       |      |      |        |        |        | Γ.       |      |      | T      |           | 1        |          | 2     | 2        | !       | i       |      |
| 421     |               |     |          |          | İ          | . 1    |       |          | 1   |         | ļ        | ļ          |           |         |       |      |      |        | ı      |        |          |      |      | 1      |           |          |          | 1     | 1        |         |         |      |
| 407     |               |     |          |          | Ţ          |        |       | ]        | T   | -       |          |            |           | Ţ       |       | 7    |      |        | T      | -      | Г        |      |      |        |           | Ţ        | $\top$   |       |          |         | 1       |      |
| 38/     |               |     | <u> </u> | ĺ.       |            | - 1    |       |          | ł   |         |          |            |           | 1       |       | 1    |      |        |        |        |          |      |      | 1      |           |          |          |       |          |         | 2       |      |
| 367     |               | -1  |          |          |            |        |       |          |     |         | -        |            |           | Т       |       |      |      |        | T      |        |          |      |      |        |           | -        |          | 7     | 7        | 7       | 7       |      |
| 34/     |               |     | . 8      |          | 1          |        |       | L        |     |         | <u>.</u> |            |           | ł       |       | 1    |      |        | -      |        |          |      |      | ļ      |           | 1        |          | 8     | 8        | 7       | 4       | 3    |
| 327     | 31            | • 1 |          |          |            |        |       |          | - 1 |         |          |            |           | Ī       |       | Т    |      |        | Т      |        | Γ        |      |      | 7      |           |          |          | [3]   | 13       |         |         | 3    |
| 30/     |               |     | _1.1     | •1       | L          | _      |       | İ        |     |         | İ_       |            |           |         |       |      |      |        | 1      |        | 1        |      |      |        |           |          | :        | 11    | 11       |         |         | 11   |
| 24/     |               |     | • 3      |          |            | 7      |       |          |     |         |          |            |           | 1       | _     | 7    |      |        | $\top$ |        |          |      |      |        |           |          |          | 3     | 3        | 1       | ,       | 14   |
| 26/     |               | . 3 |          |          |            |        |       |          |     |         |          |            |           | 1       |       |      |      |        |        |        |          |      |      |        |           |          |          | 8     | 8        | 1       | 7       | 8    |
|         | 23            | • 6 |          |          | П          |        |       |          |     |         |          |            |           | Ī       |       | T    |      |        | Τ      |        |          |      |      |        |           | T        |          | 1     | _11      |         |         | 7    |
| 22/     |               | • 1 |          |          | <u>L</u> . |        |       |          | _1  |         | L        | 1          |           | $\perp$ |       |      |      |        |        |        | L.       |      | L.   |        |           | 1_       |          | 13    | 13       |         |         | 6    |
| 20/     | 19            | . 6 |          |          |            |        |       |          |     |         |          |            |           |         |       |      |      |        |        |        |          |      |      |        |           |          |          | 22    | 5.5      |         |         | 15   |
| 18/     | 17            | 1.6 |          | 3        | 1          | _      |       |          |     |         | L.       |            |           |         |       |      |      |        |        |        |          |      |      | - }    |           | İ        |          | 41    | 41       |         |         | 7    |
| 101     | 15            | 2.3 |          |          | Ĺ          | - [    |       | (        | - ( |         |          | - (        |           |         |       |      |      |        | T      |        | į –      |      |      | $\neg$ |           |          | ,        | 44    | 44       |         |         | 19   |
| 14/     | 13            | 1.7 | 2.3      |          |            |        |       |          |     |         |          |            |           |         |       | l _  | _    |        |        |        |          |      |      | - 1    |           | 1        |          | 36    | 36       |         |         | 38   |
| 15/     | 11            | 1.9 | 1.4      |          | Ì          |        |       | ļ .      |     |         |          |            |           |         |       | Γ    |      |        | Т      |        |          |      |      | П      |           |          |          | 26    | 56       |         | - 1     | 36   |
| 10/     | 9             | 3.4 | 1.6      | l.       | İ          | [      |       |          |     |         | [        |            |           | Ĺ       |       | [ _  | _    |        |        |        |          |      |      |        |           |          |          | . 5   | 45       |         |         | 33   |
| 87      | 7             | 2.2 |          |          |            |        |       |          |     |         |          |            |           |         |       |      |      |        | Т      |        | Γ        |      |      |        |           |          |          | 36    | 36       |         |         | 36   |
| 6/      | 5             | 2.7 | 1.5      | 1        | 1_         |        |       | 1        | _ 1 |         |          |            |           |         |       | 1    |      |        |        |        |          |      |      | 1.     |           |          |          | • 1   | 41       | 1       |         | 3 1  |
| 4/      | 3             | 3.0 |          |          |            | Ì      |       |          | ı   |         |          |            |           |         |       | Г    |      |        | Т      |        |          |      |      |        |           |          |          | 13    | 45       |         |         | 39   |
| 2/      | 1             | 2.8 |          | 1        | l          |        |       |          |     |         |          |            |           |         |       |      |      |        |        |        |          |      |      |        |           | 1        |          | 32    | 32       |         |         | 3 :  |
| 07      | -1            | 2.5 |          |          | 1          |        |       |          |     | _       |          | _          |           |         |       | Ţ    |      |        | T      |        | ŢŢ       |      |      | T      |           |          |          | 14    | 34       |         |         | 3:   |
| -2/     | -3            | 2.4 | . 3      | 1        |            |        |       |          |     |         |          |            |           |         |       |      |      |        |        |        | <u> </u> |      |      |        |           | <u>i</u> |          | 25    | 25       |         | i       | 34   |
| -47     | -5            | 2.4 |          |          | 1          | - 1    |       |          | - 1 |         |          |            |           |         |       | -    |      |        | Т      |        |          |      |      | Т      |           |          |          | 25    | 25       |         |         | 44   |
| -6/     |               | 3.1 | . 4      | 1        | 1          |        |       | <b> </b> |     |         |          |            |           |         | _     |      | _    |        | _      |        | L        | _    |      |        |           | 1        |          | 32    | 32       |         |         | 24   |
| -87     |               | 3.7 | • 1      |          |            |        |       | [        |     |         |          |            |           |         |       | T    |      |        | Т      |        | Ī        |      |      | Т      |           |          |          | 14    | 39       |         |         | 3 2  |
| 10/     |               | 3.7 |          | 1        |            |        |       |          |     |         | L        |            |           |         |       | 1_   |      |        |        |        |          |      |      |        |           |          |          | 0     | 40       |         | 0 3     | 29   |
| 12/     |               | 3.0 |          |          | } _        | 7      |       | _        | Т   |         |          | 7          |           | П       |       | T    |      |        | T      |        | }        |      |      | T      |           | T        | - (      | 30    | 30       | 7       | 2       | 24   |
| 14/     |               | 4.0 |          |          | 1          |        |       | <u> </u> |     |         |          |            |           | ⅃.      |       | L    |      |        | Ш      |        | L        |      |      |        |           |          |          | 0     | 40       |         |         | 28   |
| 16/     |               | 3.0 |          |          |            | $\neg$ |       | -        |     |         |          |            |           | T       |       |      |      |        | T      |        | Γ        |      |      | $\neg$ |           |          |          | 12    | 32       |         |         | 34   |
| 18/     |               | 2.0 |          |          | <u></u>    |        |       | <u>.</u> |     |         | L        |            |           | $\perp$ |       | 1    |      |        |        |        |          |      |      | 1      | _         |          |          | 0     | 20       |         |         | 33   |
| 20/     |               | 2.9 |          |          |            |        |       |          | Ī   |         |          | 1          |           |         |       |      |      |        | Ţ      |        |          |      |      | $\Box$ |           |          | 1 -      | 7     | 27       |         |         | 38   |
| .22/    | $\rightarrow$ | 1.7 | _        | <u> </u> | _          |        |       |          |     |         |          |            |           |         |       | 1_   |      |        | _      |        |          |      |      |        |           |          |          | 15    | 15       | 1       | 5 .     | 37   |
| Elemen  |               |     | Σχ²      |          |            | 1      | X     |          |     | X       |          | <b>"</b> x | $\Box$    |         | No. 0 | bs.  | I    |        |        |        |          |      | Mea  | n N    | o. of     | Hours w  | ith Temp | tratu | 10       | •       |         |      |
| Rel. Hu | m.            |     |          |          | 1          |        |       | $\perp$  |     |         |          |            |           |         |       |      |      | _ :    | 0 F    |        | : 32     | F    | 2    | 67     | F         | ≥ 73 F   | ▶ 80     | F     | - 93     | F       | Total   |      |
| Dry Bu  |               | .,  |          |          | L          |        |       | [        | _   |         |          |            |           |         |       |      | [    |        |        |        |          |      |      |        |           |          |          |       | 1        | _       |         |      |
| Wet Bu  | њ. Т          |     |          |          |            |        |       |          |     |         |          |            | $_{ m I}$ |         |       |      |      |        |        | $\Box$ |          |      |      |        | $_{ m I}$ |          | I        |       | L        |         |         |      |
| Dew Po  | int           |     |          |          |            |        |       |          |     |         |          |            | -1        |         |       |      | J    |        |        | $\Box$ |          |      |      |        | _1        |          |          |       |          |         |         | -    |

USAFETAC FORM 0.26-5 (OLA) REVISEO MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 6102                         | P U  | ×1 3             | 7 I I H         |              | DUT                                     |        |                |                  |                | 57-                                              | 90'          |                                                  |                | YF        | ARS      |               |                                                  |              |          | MA                    | -         |
|------------------------------|------|------------------|-----------------|--------------|-----------------------------------------|--------|----------------|------------------|----------------|--------------------------------------------------|--------------|--------------------------------------------------|----------------|-----------|----------|---------------|--------------------------------------------------|--------------|----------|-----------------------|-----------|
| , -, <b>,</b>                |      |                  |                 | ,            |                                         | ML     |                |                  |                |                                                  |              |                                                  |                |           | . 4113   |               |                                                  | PAG          | £ 2      | 0600-                 | 080       |
| Temp.                        |      |                  |                 |              |                                         |        | BULB           |                  |                |                                                  |              |                                                  |                |           |          |               |                                                  | TOTAL        |          | TOTAL                 |           |
| (F)                          | 0    | 1 - 2            | 3 · 4           | 5 - 6        | 7 - 8                                   | 9 - 10 | 11 - 12        | 13 - 14          | 15 - 16        | 17 - 18                                          | 19 - 20      | 21 - 22                                          | 23 - 2         | 4 25 - 26 | 27 - 28  | 29 - 30       | ≥ 31                                             |              |          | Wet Bulb D            |           |
| 24/-25                       | 1.9  |                  |                 |              |                                         |        |                | :                |                | i                                                |              | İ                                                |                | i         | ļ        |               | 1                                                | 19           | 19       | 19                    | 2         |
| 26/-27                       | 1.3  |                  |                 |              |                                         |        |                |                  |                | <u> </u>                                         |              | <u> </u>                                         |                |           |          |               |                                                  | 12           | 12       | 12                    | 1         |
| 28/-29                       | 1.8  |                  |                 | I            | · [                                     |        |                | j                |                | į                                                |              | į                                                |                |           |          |               |                                                  | 17           | 18       | 17                    | 7         |
| 30/-31                       | 2.0  |                  |                 | <br>         | L                                       | _      |                |                  |                | i                                                | ļ            | ļ                                                | ļ              |           |          |               | <b>↓</b>                                         | 21           | 22       | 20                    |           |
| 32/-33                       | 1.4  |                  | l               | l<br>I       |                                         |        |                | :                | ı              | 1                                                | ļ            | ļ                                                |                |           |          |               | İ                                                | 14           | 14       | 14                    |           |
| 34/-35                       | 1.7  |                  |                 | ļ            | Ļi                                      |        | 4              |                  |                | <u> </u>                                         | ļ            | <u> </u>                                         |                | i         |          |               | <u> </u>                                         | 15           | 15       | 16                    | 1         |
| 36/ <del>-37</del><br>38/-39 |      |                  | ĺ               | ĺ            |                                         |        | 1              | ;                |                |                                                  | [            | į                                                |                |           |          |               |                                                  | 1 :          | 8        |                       |           |
| 40/-41                       |      |                  |                 | ļ            |                                         |        | <del>-</del>   |                  | <b>├</b> —     |                                                  | <del></del>  | ļ                                                |                |           |          |               |                                                  |              | 10       |                       | _ 1       |
| 42/-43                       | :    |                  |                 | !<br>!       |                                         |        |                | ,                |                |                                                  |              |                                                  |                |           |          |               |                                                  |              | 2        |                       |           |
| 44/-45                       |      |                  |                 | <del> </del> |                                         |        | <del></del> -  |                  | <del> </del> - | <del> </del>                                     | <del> </del> | <del> </del>                                     |                |           |          | ····          | <del> </del>                                     | <del> </del> |          |                       |           |
| 46/ <b>-</b> 47              | ,    | 1                |                 |              | ! j                                     |        |                |                  |                |                                                  | ļ            |                                                  |                |           |          |               |                                                  |              | 1        | 1                     |           |
| UTAL.                        | 57.4 | 32 a M           | 3               | .3           | -                                       |        | +              | <del></del>      | ļ —            | -                                                | <del> </del> | -                                                | -              | -         | ļ        |               | Ļ                                                | +            | 930      | ; <del></del> -       | - 90      |
|                              |      |                  | • •             | !            |                                         |        |                |                  |                |                                                  |              |                                                  | 1              | 1         |          |               |                                                  | 902          | ,,,0     | 902                   | 7         |
|                              |      |                  |                 | · ·          | <del>   </del>                          |        | <del> </del>   |                  | ŕ              | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del> - | +         | ļ        |               |                                                  |              |          |                       |           |
|                              |      | !                |                 | :            |                                         |        |                | }                |                | 1                                                | 1            | 1                                                |                |           | 1        |               | 1                                                | ;            |          |                       |           |
|                              |      | ·· <del>!</del>  | :               | i            | <del>}</del>                            |        | +              |                  |                | t                                                | <del> </del> | +                                                |                | +         | -        |               | <del></del>                                      | +-+          |          | - ···- <del> </del> - |           |
|                              |      |                  |                 | î            |                                         |        |                |                  |                |                                                  |              |                                                  |                |           |          |               |                                                  |              | ļ        | !                     |           |
| <del></del> <del>-</del>     |      | :                |                 | <del></del>  |                                         |        | <del> </del> - |                  |                | <del>                                     </del> | <del> </del> | <del>                                     </del> |                | +         |          |               | <del>                                     </del> | +-+          |          |                       |           |
| ļ                            |      |                  |                 |              | 1                                       |        | }              |                  |                | İ                                                |              |                                                  |                | ļ         |          |               |                                                  |              |          |                       |           |
| ·                            |      |                  |                 | †            | <u> </u>                                |        | 1              |                  | <del> </del>   | <u> </u>                                         | +            | <del> </del>                                     | -              | +         |          |               | <del>                                     </del> | +-+          |          | ·                     |           |
| ,                            |      |                  |                 | i<br>i       |                                         |        |                |                  |                |                                                  |              |                                                  |                |           |          |               |                                                  |              |          |                       |           |
|                              |      |                  |                 | <u> </u>     |                                         |        |                | <u> </u>         |                | İ                                                | +            | 1                                                |                | +-        | -        |               |                                                  | <b>├</b>     |          |                       |           |
| ,                            | i    | - :              |                 | i            |                                         |        |                |                  |                |                                                  |              |                                                  |                |           |          |               |                                                  |              |          |                       |           |
| <u></u> .                    |      | :                |                 | <del></del>  |                                         |        | 1              |                  |                | 1                                                |              |                                                  |                |           |          |               |                                                  | † <u> </u>   |          |                       |           |
|                              | j    | i                |                 | İ            |                                         |        |                |                  |                | 1                                                |              |                                                  |                |           |          |               |                                                  |              |          | 1                     |           |
|                              |      |                  |                 | T            | 1                                       |        | 1              |                  |                |                                                  |              |                                                  |                |           |          |               |                                                  |              |          |                       |           |
| !                            | i    |                  |                 | i            |                                         |        |                | <u> </u>         |                |                                                  |              |                                                  |                |           | L        |               |                                                  | <u></u> 1    |          | . !                   |           |
| ,                            |      |                  |                 |              |                                         |        | 1              |                  |                |                                                  |              |                                                  |                |           |          |               |                                                  |              |          |                       |           |
|                              | _ i  |                  |                 | i            | l l                                     |        |                |                  | L              | <u> </u>                                         |              |                                                  |                |           |          |               |                                                  |              |          |                       |           |
|                              | į    |                  | -               | 1            |                                         |        | ]              |                  | ]              |                                                  |              |                                                  |                |           |          |               |                                                  |              |          |                       |           |
|                              | 1    |                  |                 | ļ <u>.</u>   |                                         |        | L              |                  |                | ļ                                                |              | L                                                |                | <b>_</b>  |          |               |                                                  | <u> </u>     |          | i                     |           |
| j                            |      |                  |                 |              | l i                                     |        | İ              |                  |                |                                                  |              |                                                  |                | 1         |          |               |                                                  |              | ĺ        |                       |           |
|                              |      | i                |                 |              | لــــــــــــــــــــــــــــــــــــــ |        |                |                  | <u> </u>       | <u> </u>                                         | L            | <u> </u>                                         |                | 1         |          |               |                                                  | <u> </u>     |          |                       |           |
| lement (X)                   |      | Z <sub>X</sub> , | 4487            | <u> </u>     | ZX                                      |        | Ţ.             | , * <sub>x</sub> | 87             | No. O                                            |              |                                                  |                |           | _        | $\overline{}$ |                                                  | h Temperat   |          |                       |           |
| lel. Hum.                    |      |                  | 3382<br>9289    |              | 684                                     |        | -2.0           | 9,1              |                |                                                  | 30           | ± 0                                              |                | : 32 F    | ≥ 67     | F /           | 73 F                                             | ≥ 80 F       | ≥ 93 F   | To                    | otal<br>Ç |
| Dry Bulb                     | -    | - 7X             | 7 <u>181</u>    |              | -11                                     |        |                | 16.5             |                |                                                  | 02           | 47                                               | • 3            | 92.1      | <u> </u> |               |                                                  | +            | 1        | $\overline{}$         |           |
| Wet Bulb                     |      | 7.7              | <del>9773</del> | ļ            | -60                                     |        |                | 17.9             |                |                                                  | 02           | <del>- 5</del> 7                                 |                | 92.7      |          |               |                                                  | <del> </del> | <b>-</b> |                       | 9         |
| Dew Point                    |      | 26               | 7113            | L            | -00                                     | 7 7    | -0./           | 1/07             | U =            | •                                                | 46           | <u> </u>                                         | • 0            | 7601      |          |               |                                                  | <u> </u>     |          |                       | 7         |

USAFETAC FORM 0.26-5 (OL.A) REVISED MEYOUS EDITIONS OF THIS KNRW ARE

DATA PROCESSING DIVISION USAF ETAC AIR REATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

26102 STATION FIJHT SMITH NET OUT APT 57-66 MONTH. 0900-1100 PAGE 1

|             |         |     |       |             |          |         |         |             |         |                   |                                                  |              |          |           |                                                  |                                                  |              |           | HOURS IL.   | 5. T.≀ |
|-------------|---------|-----|-------|-------------|----------|---------|---------|-------------|---------|-------------------|--------------------------------------------------|--------------|----------|-----------|--------------------------------------------------|--------------------------------------------------|--------------|-----------|-------------|--------|
| Temp.       |         |     |       |             |          |         |         | ATURE       |         |                   |                                                  |              |          |           |                                                  |                                                  | TOTAL        |           | OTAL        |        |
| (F)         | 0 1 - 2 | 3 4 | 5 - 6 | 7 - 8       | 9 - 10   | 11 - 12 | 13 - 14 | 15 - 16     | 17 - 18 | 19 - 20           | 21 - 22                                          | 23 - 2       | 4 25 - 2 | 6 27 - 28 | 29 - 30                                          | ≥ 31                                             | D.B. W.B. D  | ry Bulb W | et Bulb De  | w Porn |
| 48/ 47      |         |     | 1     | . 2         | - 1      |         |         | }           |         |                   |                                                  |              | İ        |           |                                                  |                                                  | 2            | 2         |             |        |
| 46/ 45      |         |     |       | • 1         |          |         |         |             |         |                   |                                                  | İ            |          | ļ         | 1                                                |                                                  | 1            | 1         |             |        |
| 447 43      |         |     | • 1   |             |          |         |         |             |         |                   |                                                  | Ī            |          |           |                                                  |                                                  | 1            | 1         |             |        |
| 42/ 41      |         | • 1 | . 1   | i           | į        |         |         | ĺ           |         |                   | i                                                |              |          | İ         |                                                  | 1                                                | 1            | 1:        |             |        |
| 40/ 39      |         | . 2 | . 2   | . 1         |          | -       |         |             |         |                   |                                                  | 1            |          | -         |                                                  |                                                  | 5            | 3!        | 2' -        |        |
| 38/ 37      | . 3     | . 6 | • Z   |             | !        |         |         |             |         |                   | i                                                | Ì            | 1        | -         | i                                                |                                                  | 11           | 11;       | 3           |        |
| 36/ 35      | , 4     | . 5 | • 1   |             |          |         |         |             |         |                   | i                                                | 1            |          |           | † · ·                                            | 1                                                | 10           | 10        | 15          |        |
| 34/ 33      | 1.0     | . 3 | - 1   | 1           | 1        |         |         | 1           |         |                   |                                                  |              | 1        | !         | !                                                | i                                                | 13           | 13        | 7           | 4      |
| 32/ 31      | . 8     | • 1 |       |             |          |         |         | 1           |         |                   | †                                                |              | 1        | +         | <u> </u>                                         |                                                  | R            | 8         | 16          | 7      |
| 30/ 29      | .1 .2   | . 4 | 1     | i           | i        |         |         |             |         |                   | ł                                                |              |          | ļ         | ł                                                |                                                  | 7 t          | 7         | 12          | 12     |
| 28/ 27      | .1 1.5  | . 8 |       | $\neg \neg$ |          |         |         | Ī — — —     |         |                   |                                                  |              | <b></b>  | 1         | i                                                | •                                                | 22           | 22        | 6           | 16     |
| 26/ 25      | 1.9     | 1.0 | 1     | - 1         | i        |         |         | 1           |         |                   |                                                  |              | 1        |           | İ                                                |                                                  | 27           | 27        | 21          | 8      |
| 24/ 23      | .3 I.3  | 1.0 |       |             |          |         |         |             | _       |                   | <del> </del>                                     | 1            | 1        | +         | 1                                                | •                                                | 24           | 24        | 28          | 14     |
| 22/ 21.     | .1 1.9  | ٠,  |       | į           | i        |         |         | 1           |         |                   |                                                  | 1            |          |           |                                                  |                                                  | 24           | 24        | 22          | 16     |
| 20/ 19      | .4 3.2  | . 2 |       |             |          |         |         |             | _       |                   |                                                  |              |          |           |                                                  | <del></del>                                      | 36           | 36        | 36          | 19     |
| 18/ 17      | 1.0 4.5 | . 1 | - 1   | - 1         | i        |         |         | ĺ           |         |                   |                                                  |              | i        | i         |                                                  |                                                  | 52           | 52        | 46          | 20     |
| 167 15      | 1.2 3.1 |     |       | -           |          |         |         | <b></b> -   |         |                   | <b></b>                                          | _            | 1        | +         | 1                                                |                                                  | 40           | 40        | 56          | 28     |
| 14/ 13      | 1.4 2.7 | i   |       | 1           | ļ        |         |         |             |         |                   |                                                  | 1            |          |           | i                                                | 1                                                | 38           | 38        | 41          | 42     |
| 15/ 11      | 1.7 2.7 | • 1 |       |             | +        |         |         | ·           |         |                   | 1                                                | <u> </u>     | +        | +         | <del> </del>                                     | <del> </del>                                     | 42           | 42        | 37          | 48     |
| 10/ 9       | 1.6 2.6 |     |       |             |          |         |         | 1           |         |                   | ĺ                                                |              |          |           |                                                  |                                                  | 39           | 39        | 43          | 36     |
| 8/ 7        | 2.3 2.5 | • • |       |             |          |         |         |             |         |                   |                                                  | <del></del>  | +        | +         | -                                                | <u> </u>                                         | 44           | 44        | 45          | 44     |
| 6/ 5        | 1.0 2.7 |     | i     | - 1         |          |         |         |             |         |                   | İ                                                |              |          |           |                                                  | i                                                | 34           | 34        | 36          | 43     |
| 4/ 3        | 2.4 2.5 |     | +     |             |          |         |         |             |         |                   |                                                  | <b>-</b>     | +        | +         | <del> </del>                                     | <del> </del>                                     | 45           | 45        | 42          | 43     |
| 2/ 1        | 2.1 1.6 |     | !     | İ           |          |         |         |             |         |                   |                                                  |              | İ        |           |                                                  |                                                  | 34           | 34        | 39          | 22     |
| 07 -1       | 1.9 1.8 | ·   |       |             |          |         |         |             |         |                   | <del> </del>                                     | <del> </del> |          | +         | <del> </del>                                     | <del>                                     </del> | 35           | 35        | 36          | 36     |
| -2/ -3      | 1.7 2.1 |     |       | - 1         |          |         |         |             |         |                   |                                                  |              |          |           |                                                  |                                                  | 35           | 35        | 38          | 45     |
| -4/ -5      | 2.3 2.2 | i   |       |             |          |         |         |             |         |                   | <del>                                     </del> | <u> </u>     | +        | +         | <del> </del>                                     |                                                  | 41           | 41        | 41          | 28     |
| -6/ -7      | 3.3 1.7 |     |       |             | 1        |         |         |             |         |                   | -                                                |              |          |           |                                                  |                                                  | 47           | 47        | 46          | 34     |
| -8/ -9      | 2.7 1.0 |     |       |             |          |         |         | <u> </u>    |         |                   | <del>                                     </del> | <del> </del> | 1        | 1         | <del>                                     </del> | <del> </del>                                     | 34           | 34        | 33          | 79     |
| -10/-11     | 3.1 1.2 | İ   |       | ĺ           |          |         |         |             |         |                   |                                                  |              |          |           |                                                  |                                                  | 40           | 40        | 44          | 42     |
| 12/-13      | 2.2 1.8 |     | +     |             |          |         |         | <del></del> |         |                   |                                                  | <u> </u>     | +        | +         | <del> </del>                                     | <del> </del>                                     | 37           | 37        | 30          | 40     |
| 14/-15      | 1.2 1.0 | i   | }     |             |          |         |         |             |         |                   | 1                                                |              |          |           |                                                  |                                                  | 20           | 20        | 24          | 37     |
| 16/-17      | 1.3 1.0 | ·   |       |             |          |         |         |             |         |                   | <del> </del>                                     |              | +        | +         | <del> </del>                                     | <del> </del>                                     | 21           | 21        | 23          | 27     |
| 18/-19      | .6 .3   | İ   | i     |             |          |         |         | l           |         |                   |                                                  |              |          |           |                                                  | 1                                                | - 0          | - 0       | 13          | 35     |
| Element (X) | Zx'     |     |       | : x         | $\dashv$ | X       |         | ι           | No. Ob  | .                 | 1                                                | 1            |          | Mean      | No of M                                          | 1<br>0007 8 101 101                              | h Temperatui | -         | 1 3         |        |
| Rel. Hum.   |         |     |       |             |          | -^-     | - A     | +           |         |                   | ± 0                                              | e            | 5 32 F   | Mean 1    |                                                  | 73 F                                             | > 80 F       | ≥ 93 F    | Tot         |        |
| Dry Bulb    |         |     |       |             |          |         |         |             |         |                   |                                                  | -            | - 32 F   |           | <del>'   '</del>                                 | 73 6                                             | F 00 F       | * 73 F    | 107         | -      |
| Wer Bulb    | ·       |     |       |             |          |         |         |             |         | $\rightarrow$     |                                                  |              |          | +         |                                                  |                                                  | <del> </del> |           | <del></del> |        |
| Dew Point   |         |     |       |             |          | _       |         | -           |         | $\longrightarrow$ |                                                  | +            |          | +         |                                                  |                                                  | <del> </del> |           | +           |        |
| DCW 1 UINT  |         |     |       |             |          |         |         |             |         | i                 |                                                  |              |          | 1         |                                                  |                                                  | 1            |           |             |        |

USAFETAC FORM 0.26-5 (OL.A) REVISIO MENOUS DOTIONS OF TIMES HE GREGISTE

DATA PRUCESSING DIVISION USAF ETAC AIR WEATTER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 6102       | FORT S   | HITH F                                    | STATION NAME |            |                | 57.          | 66            |              |            | EARS          |             |             |                | Mant.           |               |
|------------|----------|-------------------------------------------|--------------|------------|----------------|--------------|---------------|--------------|------------|---------------|-------------|-------------|----------------|-----------------|---------------|
| 3.4        |          |                                           | STATION NAME |            |                |              |               |              | ,          | LARS          |             | PAC         | : 2            | 0900-           | 110           |
| Temp.      |          |                                           |              |            |                | TURE DEPRI   |               |              |            |               |             | TOTAL       |                | TOTAL           |               |
| (F)        |          |                                           | -6 7-8 9.    | 10 11 - 12 | 13 - 14 15     | - 16 17 - 18 | 19 - 20       | 21 - 22 23 - | 24 25 - 26 | 27 - 28 2     | 9 - 30 2 31 | D.B. W.B.   | Dry Buib       | Wet Bulb D      | ew Po         |
| 20/-21     | . 8 . 3  |                                           | 1            |            |                |              | ] ]           |              |            |               |             | 10          | 10             | 10              | 3             |
| 22/-23     | 1.1 .1   |                                           |              |            |                |              |               |              |            |               |             | 11          | 11             | 11              | 2             |
| 24/-25     | ı, E.    |                                           |              | i          |                |              |               |              |            |               |             | R           | 8              | 4               | 2             |
| 26/-27     | 1.0 .1   |                                           |              |            | _ 1_           | _            | <u>i</u>      |              |            | <u>l l.</u>   |             | 10          | 10             | 10              | 2             |
| Z8/-Z9     | • 2      |                                           |              |            |                | _            |               |              |            |               |             | 7           |                |                 | 1             |
| 30/-31     | • 4      | !                                         |              | i          |                |              | [             |              |            |               |             | 4           | 4              | 5               | 1             |
| 32/-33     | • 1      |                                           |              |            | II             |              |               |              |            |               |             | 1           | 1              | T               | _1            |
| 34/-35     | • 1      |                                           |              |            | L! _           |              | Li            |              |            |               |             | 1           | 1              | 1               |               |
| 36/-37     | - ,      |                                           |              |            |                |              | [             |              |            |               |             |             | 2              |                 |               |
| 34/-39     |          |                                           |              |            | L L            |              | <u> </u>      |              |            | LL            |             |             | 2              |                 |               |
| 40/-41     | ,        |                                           | i T          |            |                |              | ]             |              |            |               |             |             |                |                 |               |
| 44/-45     |          |                                           |              |            |                |              | [             |              |            |               |             | _Li         |                | <u>_</u>        |               |
| UTAL       | 40.372.5 | 0.0                                       | • O • 4      |            |                |              | 1             |              |            |               |             |             | 930            |                 | 92            |
|            |          |                                           |              |            | L              |              | l             |              |            |               |             | 926         |                | 926             |               |
|            |          |                                           | 1            | ĺ          | ì l            | į            |               |              |            | 1             |             | 1           | i              | į               |               |
|            |          |                                           |              |            |                |              |               |              |            |               |             |             |                |                 |               |
|            |          | i                                         | 1            |            |                | 1            |               |              |            |               | 1           | 1           | 1              |                 |               |
|            |          |                                           |              |            | <b></b>        |              |               |              |            | <b></b>       |             |             | i              |                 |               |
|            |          |                                           | į            |            |                |              |               |              |            |               | 1           |             | !              | İ               |               |
| ,          |          |                                           |              |            |                |              | 1             |              | -          | 1             |             |             |                |                 |               |
|            |          |                                           | -            |            | ! !            |              |               |              |            |               |             |             | ļ              | i               |               |
|            |          |                                           |              |            | LL             |              | 1             |              |            | <b></b>       |             |             |                |                 |               |
|            |          |                                           | 1 1          |            |                |              |               |              | - 1        | 1             | }           | 1           |                | į.              |               |
|            |          |                                           |              |            | ļ              |              |               |              |            |               |             |             |                | i               |               |
|            |          |                                           |              |            |                |              |               |              |            |               |             |             |                |                 |               |
|            |          |                                           |              |            | <del>  </del>  |              |               |              |            | ++            |             | <del></del> |                | <u>i</u>        |               |
|            |          | . !                                       | i            |            |                |              |               |              |            |               |             |             | ļ              |                 |               |
| - :        |          | ļ <u>.                               </u> |              |            | ļ <b>ļ</b>     |              | <u> </u>      |              |            | <b> </b>      |             |             |                |                 |               |
|            |          |                                           |              |            |                |              |               |              |            | 1 1           |             | 1           |                |                 |               |
|            |          |                                           |              |            | <del>  -</del> |              |               | -+           | +-         | <del>  </del> |             |             |                |                 |               |
|            |          |                                           |              |            | 1              |              |               |              |            |               |             |             |                | 1               |               |
| 1          |          |                                           |              |            | + <del>-</del> |              | <del>  </del> |              |            | +             |             | +           |                | +               |               |
|            | 1        |                                           |              | 1          |                |              |               |              |            |               |             |             |                |                 |               |
| lement (X) | Σχ'      | -                                         | Σχ           | X          |                | No. OI       | <u> </u>      |              |            | Magn No       | of Hours w  | th Temperat |                | <del></del>     |               |
| Rel. Hum.  |          | 8903                                      | 65939        |            | 11,07          |              | 156           | ± 0 F        | ≤ 32 F     | 2 67 F        |             | * 80 F      | 7 93 F         | T               | . – .<br>stal |
| Dry Bulb   |          | 4952                                      | 4880         |            | 15.71          |              | 30            | 37.0         | 88.        |               | + - '3 -    | - 00 -      | 1 73 7         | <del></del> -'° | 5             |
| Wet Bulb   |          | 2645                                      | 4183         | 1          | 14.84          |              | 26            | 37.8         | 90.6       |               | +           | <del></del> | - <del> </del> |                 | 9             |
| Dew Point  |          | 0376                                      | -1884        |            | 16.32          |              | 26            | 50.4         | 92.6       |               | <b>-</b>    |             | <del></del>    |                 | - 9           |

USAFETAC FORM 0.26-5 (OL A)

USAFETAC FORM 0.26-5 (OLA) REVISED MENIOUS EDITIONS

# **PSYCHROMETRIC SUMMARY**

FIRT SMITH NET DIST APT 57-66 MAR 26192 YE ARS 1200-1400 PAGE 1 HOURS IL. S. T.

| Temp.          | -          |      |       |              |       |                                        | WET    | BULB 1                                 | EMPER          | RATURE                                           | DEPRI         | SSION                                        | (F)           |                |             |          |        |        |      | TOTAL     |                   | TOTAL    |              |
|----------------|------------|------|-------|--------------|-------|----------------------------------------|--------|----------------------------------------|----------------|--------------------------------------------------|---------------|----------------------------------------------|---------------|----------------|-------------|----------|--------|--------|------|-----------|-------------------|----------|--------------|
| (F)            |            | 0 .  | 1 - 2 | 3 - 4        | 5 - 6 | 7 . R                                  | 9 . 10 | 11 12                                  | 13 - 14        | 15 - 16                                          | 17 - 18       | 19 - 2                                       | 0 21 - 2      | 2 23 - 3       | 24 25 - 2   | 6 27     | 28 29  | - 30   | e 31 | D.B. W.B. | Dry Bulb          | Wet Bulk | Dew Poi      |
| 507 P          | 45         | ·    |       |              | J ,   | T                                      |        |                                        | 10 - 14        | 13-75                                            | 1             | 1                                            | +=:-=         | 7 - 11 - 2     | 1           | 1        |        |        |      | †T        | <u>1</u>          |          | •            |
| 48/ 4          |            |      |       |              | !     | . 2                                    |        |                                        |                |                                                  |               |                                              |               | 1              |             | i        |        | i      |      | . 2       | 2                 | 9        | :            |
| 457            |            |      |       | . ,          | - 1   | •1                                     |        |                                        |                |                                                  | <del></del> - | 7                                            | <del></del> - | <del>+</del> - | -           |          |        |        |      | 7         | 2                 |          | -            |
| 44/            |            |      |       |              | - 4   | 4                                      | . 1    |                                        |                | 1                                                | 1             | }                                            | 1             | ĺ              |             | -        |        |        |      | 11        | 11                | . 1      |              |
|                | 41         |      |       | . 1          |       | - 2                                    |        |                                        |                | +                                                |               | <del> </del>                                 |               | i · —          | +           |          | +      |        |      | 11        | -11               |          |              |
| 40/            |            |      |       | 5            | .8    | .3                                     |        |                                        |                | i                                                | 1             |                                              | 1             |                |             |          |        | 1      |      | 12        | 12                |          | <b>7</b>     |
|                | 37.<br>37. |      | 3     |              | - 7   | 1                                      |        |                                        | L              | ·                                                | ļ             | <b></b>                                      |               | ļ              |             |          |        |        |      | 11        | 11                |          | <del>/</del> |
|                | -          |      |       |              | .3    | • 4                                    |        |                                        |                |                                                  | i             | ļ                                            | 1             |                |             | 1        |        | į      |      | 12        | 12                | 1        | <b>.</b> 1   |
|                | 35         |      | • 2   | . 9          | • • • |                                        |        |                                        |                | <del> </del>                                     | <b>↓</b>      | -                                            | +-            | <del> </del>   |             |          | -      |        |      | 16        | 16                |          |              |
| 34/            |            |      |       |              | .5    | • 1                                    |        |                                        |                |                                                  |               |                                              |               |                |             |          |        | İ      |      | 26        | 26                |          |              |
| 32/            |            |      | . 5   |              | •     |                                        |        |                                        | <u> </u>       | ļ                                                | ļ             | <b>!</b>                                     | <b>↓</b> —    | ₩.             | <del></del> |          | _      |        |      | 31        | 31                |          |              |
|                | 29         |      | 1.1   |              | . 5   |                                        |        | [                                      |                | 1                                                | [             |                                              | 1             | 1              |             |          |        |        |      | 30        | 30                |          |              |
|                | 27         | . i  | 1.7   |              |       |                                        |        |                                        |                | <u> </u>                                         | <b>↓</b>      |                                              |               | <del> </del>   |             | $\dashv$ |        |        |      | 37        | 32                |          |              |
|                | 25         | i    | 1.8   |              | _     |                                        |        | ł                                      |                |                                                  | 1             |                                              |               | 1              | -           |          | }      | į      |      | 36        | 36                |          |              |
|                | 23         | • 1  | 2.3   | i            | • 1   |                                        |        |                                        |                | L                                                |               |                                              |               | 1              |             | 1-       | _      |        |      |           | 52                | - 1      |              |
|                | 21         | • 2  | 4.2   |              |       |                                        |        |                                        | ł              |                                                  |               |                                              |               |                |             | Ì        |        | ļ      |      | 52        |                   |          |              |
|                | 19         | • 2  |       |              |       | 1                                      |        |                                        |                | 1                                                |               |                                              | <u> </u>      | 1              |             |          |        |        |      | 43        | 43                | 1        |              |
| 181            | 17         | . 4  | 3.0   | . 5          |       |                                        |        |                                        |                |                                                  | 1             |                                              |               |                |             |          | İ      |        |      | 38        | 36                |          |              |
| 16/            | 15         | . 4  | 4.0   | . 4          |       |                                        |        |                                        |                |                                                  |               |                                              | ļ             |                |             | l        |        |        |      | 45        | 4 9               |          |              |
| 14/            | 13         | . 8  | 3.3   | . 3          |       |                                        |        |                                        |                |                                                  |               |                                              |               |                |             | T        |        | _      |      | 41        | 41                |          |              |
| 12/            | 11         | 1.3  | 4.0   | . 2          |       | ;                                      |        | }                                      | i              | 1                                                | 1             |                                              | ì             | 1              | Ì           | -        | - 1    |        |      | 51        | 5 ]               |          | -            |
| 10/            | ₽.         | 1.8  | 3.1   | 1            |       |                                        |        | i                                      |                | 1                                                |               |                                              |               | 1              | 7           | T        | T i    |        |      | 47        | 47                |          |              |
| 8/             | 7          | . 9  | 3.9   | • 1          |       | :                                      |        |                                        |                | 1                                                |               |                                              |               |                |             |          |        |        |      | 45        |                   |          | - 1          |
| 67             | 5          | T. I | 2.7   | <del> </del> |       | j · · - · ·                            |        |                                        | <u> </u>       | <del>                                     </del> | †:            |                                              |               | $\top$         |             |          |        |        |      | 35        | 3:                |          |              |
| 4/             | 3          | 1.9  | 2.8   | d ·          |       | 1 1                                    |        |                                        | i              | 1                                                |               | }                                            | 1             |                | 1           |          | - 1    | - }    |      | 44        | 44                |          |              |
| 7/             | 71         | 1.6  | 7.8   |              |       | i i                                    |        |                                        | <del> </del> - | <del> </del>                                     | +             | +                                            | +             | +              |             |          |        |        |      | 41        | 4 1               | 4        | 3 (          |
| 0/             | _i         | 1.0  | 2.6   | 1            |       | l í                                    |        |                                        |                |                                                  | 1             |                                              |               | 1              |             |          |        |        |      | 33        | 3:                | 3        | 2 4          |
| -27            | 7          | 1.7  | 7.7   | } .          |       |                                        |        | <u>-</u>                               | <del> </del>   |                                                  | +             |                                              | +-            | +              |             | +        |        |        |      | 41        | 41                | 31       | 3 3;         |
| -4/            | -4         | 2.6  | 1.4   | j            |       | [                                      |        |                                        | ļ              |                                                  |               |                                              | }             | 1              | ļ           | 1        | - 1    |        |      | 37        | 31                | 4        | 3            |
| -67            | <b>-7</b>  | 1.3  |       | į.           | -     | ļ <del> </del>                         |        | +                                      | <del> </del>   | <del></del>                                      | +             | +                                            | -+            | +              | +           | +-       |        |        |      | 24        | 24                | Z        | 2 3          |
| ,              | - ;<br>- 9 | i.i  |       | 3            |       | i i                                    |        |                                        |                |                                                  |               |                                              |               | 1              |             |          |        | - 1    |      | 29        | 29                |          | 1 3          |
| 107            |            | 9    |       |              |       | ļ                                      |        | <del> </del>                           | ļ              | +                                                | -             |                                              | +-            | +              |             |          | -+     |        |      | 14        | 14                |          |              |
| 12/-           |            | .9   |       |              |       | 1 1                                    |        |                                        |                |                                                  |               |                                              | 1             |                | Ţ           |          |        | - [    |      | 14        | _                 |          |              |
|                | - 1        | . 4  |       |              |       | ļi                                     |        | <del> </del>                           | -              | +                                                |               | +                                            |               | +              | +-          | -        | -+-    |        |      | 1 8       | <del>  ``</del> j | 1        |              |
| -14/-<br>-16/- |            | . 3  |       |              |       |                                        |        |                                        |                |                                                  | 1             |                                              |               |                |             |          |        | 1      |      | "         | ;                 | -        | 5 1          |
|                |            |      |       | ٠            |       | ــــــــــــــــــــــــــــــــــــــ |        | ـــيــــــــــــــــــــــــــــــــــ |                | <del></del>                                      |               | <u>.                                    </u> | <del>_</del>  |                | i           | 1        |        | .4.14. |      |           | <u> </u>          | <u> </u> |              |
| Element        |            |      | Σχ'   |              |       | ΣX                                     | _ + -  | <u> </u>                               |                | <b>x</b> .                                       | No. 0         | bs.                                          |               |                |             |          |        |        |      | h Tempera |                   | <u>-</u> | Total        |
| Rel. Hum       |            |      |       |              | L     |                                        |        |                                        | <del></del>    | $-\downarrow$                                    |               |                                              | ± (           | F              | ± 32 F      | -        | ≥ 67 F | +-     | 73 F | ≥ 80 F    | × 93              | _        | 10701        |
| Dry Bulb       |            |      |       |              | L     |                                        |        |                                        | ļ              |                                                  |               |                                              | <b>_</b>      |                |             | -        |        | ļ      |      | -         |                   |          |              |
| Wet Bull       | , }        |      | _     |              | l     |                                        |        |                                        | L              |                                                  |               |                                              |               |                |             |          |        |        |      | ļ         |                   |          |              |
| Dew Por        | nt         |      |       |              |       |                                        |        |                                        |                |                                                  |               |                                              |               |                |             |          |        |        |      |           |                   |          |              |

| •12/ <del>•</del> 13. | • 9 | • 0 |   | 1 : | ì | 1  | ì   | 1 1      | 1   | 1   | 1      | 1 1      | 1           | 1 47        |        | 1.5 |     |
|-----------------------|-----|-----|---|-----|---|----|-----|----------|-----|-----|--------|----------|-------------|-------------|--------|-----|-----|
| 12/-13<br>14/-15      | . 4 | . 4 |   | 11  |   |    |     |          |     |     |        |          |             | 8           | 8      | 10  | 28  |
| -16/-17               | . 3 | . 2 | i | i i |   |    | ]   |          |     |     |        | 1        | i           | 5           | 5      | 6   | 17  |
| Element (X)           | Σ   | ٠,  |   | ΣX  | X | -, | × T | No. Obs. |     |     |        | Mean No. | f Hours wit | h Temperatu | re     |     |     |
| Rel. Hum.             |     | :   |   |     |   | _1 |     |          | : ( | F   | 1 32 F | ≥ 67 F   | ≥ 73 F      | ≥ 80 F      | ≥ 93 F | То  | tol |
| Dry Bulb              |     |     |   |     |   |    |     |          |     |     |        |          |             | <u> </u>    |        | J   |     |
| Wet Bulb              |     |     |   |     |   |    |     |          |     |     |        |          |             | <u> </u>    | ļ      | J   |     |
| Dew Point             |     |     |   |     |   | ĺ  | ĺ   |          |     | - [ |        |          |             |             |        |     |     |

26102 FORT SMITH NWT DOT APT

# **PSYCHROMETRIC SUMMARY**

MAR

| STATION -   |       |                        |       | 5                                            | TATION N |             |          |                                        |          |              |             |            |         | YE AR   | 15       |         |      |           | -            |          |          |
|-------------|-------|------------------------|-------|----------------------------------------------|----------|-------------|----------|----------------------------------------|----------|--------------|-------------|------------|---------|---------|----------|---------|------|-----------|--------------|----------|----------|
|             |       |                        |       |                                              |          |             |          |                                        |          |              |             |            |         |         |          |         |      | PAG       | 2            | 1200     | -140     |
| Temp.       |       |                        |       |                                              |          |             |          |                                        |          |              | SSION (F    |            |         |         |          | _       |      | TOTAL     |              | TOTAL    |          |
| (F)         | 0     |                        |       | 5 - 6                                        | 7 - 8    | 9 - 10      | 11 - 12  | 13 - 14                                | 15 - 16  | 17 - 18      | 19 - 20     | 21 - 22 23 | - 24 25 | - 26 27 | 7 - 28 2 | 9 - 30  | × 31 | D.B. W.B. | Dry Bulb     | Wet Bulb | Dew Po   |
| 18/-19      | . 4   | • 1                    |       |                                              | ĺ        |             |          | i                                      | İ        |              |             |            | i       | Ī       |          | T       |      | 5         | 5            | 6        | <u>2</u> |
| -20/-21     | • 1   | • 1                    | _     |                                              |          |             |          |                                        | 1        |              |             | i          | -       | i       | i        |         |      | , 2       | 2            | 2        | 1        |
| -22/-23     | . 2   |                        |       | :                                            |          |             | i        |                                        |          |              |             |            |         |         |          | T       |      | . 2       | 2            | 7:       |          |
| 24/-25      | • 1   |                        |       |                                              |          |             | 1        | 1                                      |          | i            |             | ,          |         |         |          |         |      | 1         | 1            | 1        | 1        |
| -26/-27     |       |                        |       | • • • •                                      |          |             |          |                                        |          | i            | 1           |            | - 1     | •       | +-       |         |      |           |              |          |          |
| 28/-29      |       |                        |       |                                              | į        |             | -        | İ                                      | :        |              |             |            | - :     | i       |          |         |      |           |              |          |          |
| 30/-31      |       | :                      |       | •                                            |          |             | ļ        | 1                                      | Ī        |              |             | -          |         | !       |          | i       |      |           |              | · •      |          |
| -32/-33     |       | i                      |       |                                              |          | _           | 1        |                                        | į .      |              |             |            |         |         | 1        |         |      |           |              | ı i      |          |
| TUTAL       | 21.75 | 7.Z                    | 15.1  | 4.2                                          | 1.7      | . 1         | l        | 1                                      |          |              |             |            |         |         |          |         |      |           | 930          |          | 93       |
|             | · ·   |                        |       | !                                            |          |             | 1        | 1                                      | ļ        |              |             |            | i       | :       |          |         |      | 930       |              | 930      |          |
|             |       | ;                      |       |                                              |          |             | į        | 1                                      |          |              |             |            |         |         |          | T       |      | i         |              |          |          |
|             | .1    |                        |       |                                              |          |             | i        | <u> </u>                               |          |              |             | i          | ļ       | 1       | İ        | - 1     |      | 1         |              | į        |          |
|             |       |                        |       | !                                            |          |             | ĺ        |                                        |          |              |             |            |         |         |          |         |      | -         |              |          |          |
|             |       | 1_                     |       | <u> </u>                                     | i !      |             | L        | 1                                      |          |              |             | i          | 1       |         | İ        |         |      | 1         |              | I .      |          |
|             |       | 1                      |       |                                              |          |             |          |                                        |          |              |             | 1          |         |         |          |         |      |           |              |          |          |
|             |       | - 1                    |       | •                                            |          |             |          |                                        |          | <u> </u>     |             |            | i_      |         | i        |         |      | 1 1       |              |          |          |
|             |       | - 1                    |       |                                              | i        |             | Ì        |                                        | ĺ        |              |             |            |         |         |          |         |      |           |              |          |          |
| _           |       | - 1                    |       |                                              |          |             | <u> </u> |                                        |          |              |             |            |         |         |          |         |      | <u>i</u>  |              | :        |          |
|             |       | - 1                    |       |                                              | į        |             |          |                                        | 1        |              |             |            |         |         | Ì        |         |      |           |              |          |          |
|             |       |                        |       |                                              | ļ        |             | ļ        |                                        | <u> </u> |              |             |            |         |         |          |         |      | ii        |              | i        |          |
|             |       | 1                      |       | I .                                          | į į      |             |          |                                        | 1        | İ            |             |            |         |         |          |         |      | 1         |              | :        |          |
|             |       |                        |       | 1                                            | ii       |             | ļ        | <u> </u>                               |          | ļ            |             |            |         |         |          |         |      |           |              | 1        |          |
| 1           |       |                        |       |                                              |          |             |          |                                        | -        |              |             |            | }       |         |          |         |      | }         |              | 1        |          |
|             | 1 -   |                        |       |                                              | ļ1       |             |          |                                        | i        | <b></b>      |             |            | - +     |         | 1        |         |      |           |              |          |          |
| 1           |       |                        |       |                                              |          |             | ļ        | -                                      | ŀ        | 1            |             |            |         |         | -        | - 1     |      | ļ ,       |              |          |          |
| !           | 1     | ‡                      |       |                                              | i        |             | ii       | ــــــــــــــــــــــــــــــــــــــ |          | <u> </u>     |             |            |         |         |          |         |      |           |              |          |          |
|             |       |                        |       |                                              |          |             | -        |                                        |          |              |             |            |         | -       |          |         |      |           |              |          |          |
| :           | :     | i                      |       | <u>.                                    </u> |          |             | <u></u>  | 1                                      | <u> </u> | <del> </del> |             |            |         |         |          |         |      | ļ         |              |          |          |
|             | i     |                        |       | :                                            | ]        |             |          |                                        | 1        |              |             |            |         |         |          |         |      | 1         |              |          |          |
|             |       | - ·                    |       | •                                            | ļ        |             |          | <del> </del> -                         | ļ        | <del></del>  | $\vdash$    |            |         |         |          |         |      |           |              |          |          |
|             |       | - 1                    |       |                                              | 1 1      |             |          | 1                                      | 1        | 1            |             |            |         |         |          |         |      |           |              |          |          |
|             |       |                        |       | L                                            | ļ ,      |             | ļ        | <del> </del>                           | ļ        | <del></del>  | -           |            |         |         |          |         |      |           |              |          |          |
| ĺ           | 1     | 1                      |       |                                              |          |             |          |                                        | 1        | 1            | 1           | 1          |         |         |          |         |      |           |              |          |          |
|             |       | !                      |       |                                              | <u> </u> | <del></del> | <u> </u> | <del>  _</del>                         | i ,      | 1            | <u> </u>    |            |         |         |          |         |      | L <u></u> |              |          |          |
| Element (X) |       | x <sup>2</sup><br>4398 | 2207  |                                              | Z X      | . 4         | X<br>49  | 1 1 9                                  | E 0      | No. Ob       | 30          |            | ,       |         |          |         |      | Temperate | ·            | : -T     |          |
| Rel. Hum.   |       |                        | 5048  |                                              | 630      | 1 /         | 77.5     | 11.7                                   | 30       |              |             | ± 0 F      | * 32    |         | ≥ 67 F   | 27      | '3 F | → 80 F    | ≥ 93 (       | ·   T    | otal A   |
| Dry Bulb    |       |                        | 2177  |                                              | 99       | 90          |          | 114,4                                  |          |              | 30<br>30    | 21.5       | 85      | • Z     |          |         |      |           | <del> </del> |          | 9        |
| Wet Bulb    |       |                        | 7484  |                                              | 31       |             | 2.4      | 14.5                                   | ¥ 0      |              | 30          | 38.3       |         | • 2     |          | $\perp$ |      |           |              |          | 9        |
| Dew Point   |       | £ ()                   | . 707 | L                                            | 21       | 7           | 7.       | 1440                                   | 77       |              | <b>2</b> () | 50.5       | 72      | • 3     |          |         |      |           |              |          | - 4      |

57-66

USAFETAC FORM 0.26.5 (OL.A) REVISED MENOUS EDITIONS OF THIS FORM AND CASCALITY

| 6102<br>Stat JN | FORT             | SMITH |            | T[j(] |        |            |           | _ 57•        | 66                                               |             |              | EARS                                             |             |              |          | MA A        |      |
|-----------------|------------------|-------|------------|-------|--------|------------|-----------|--------------|--------------------------------------------------|-------------|--------------|--------------------------------------------------|-------------|--------------|----------|-------------|------|
|                 |                  |       | <b>J</b> . |       | . M.C  |            |           |              |                                                  |             |              |                                                  |             | PAGE         | 1        | 1500-       | 170  |
| Temp.           |                  |       |            |       |        |            |           | URE DEPRE    |                                                  |             |              |                                                  |             | TOTAL        |          | TOTAL       | _    |
| (F)             | 0 1 2            | 3 - 4 | 5 - 6      | 7 - 8 | 9 - 10 | 11 - 12 1: | 3 - 14 15 | - 16 17 - 18 | 19 - 20 21                                       | - 22 23     | - 24 25 - 26 | 27 - 28 29                                       | - 30 - 31   | D.B. W.B. D  | y Bulb   | Wet Bulb De | w Po |
| 54/ 53          |                  |       | · .        | . 2   | l      |            |           |              |                                                  |             |              |                                                  |             | 2            | 2        |             |      |
| 2/ 51           | . !              |       | : - i      | • 1   | į      |            |           |              |                                                  |             |              |                                                  |             | 1            | 1        |             |      |
| 8/ 47           |                  |       |            | • 1   | - 1    | 1          | ļ         | 1            |                                                  |             |              |                                                  |             | 1            | 1        | _:          |      |
| 6/ 45           |                  |       | • 4        | • 2   |        |            |           |              |                                                  |             |              |                                                  |             | 4            | 4        | 2,          |      |
| 2/ 41           | :                | • 1   |            | . 4   |        | 1          | ł         | 1            |                                                  |             |              |                                                  |             | 9            | 9        | 1           |      |
| 0/ 39           | <u>i_</u>        | . 6   | 1.1        | .9    | - 1    |            |           | <u> </u>     |                                                  |             |              | i l                                              |             | 16           | 16       |             |      |
| 8/ 37           |                  | z .4  |            | . 1   |        | 1          | ł         |              |                                                  |             |              |                                                  |             | 13           | 19       | 6           |      |
| 0/ 35           | .1.              |       | 1          | -:1   |        |            |           |              |                                                  | -           |              |                                                  |             | 21           | 21       | 22          |      |
| 4/ 33           | 7                | 2 1.3 |            | 7 4   |        |            | ł         |              |                                                  |             |              |                                                  |             | 19           | 19       | 10          |      |
| 2/ 31           | •                |       |            | -     | -      |            |           | ·            | <del></del>                                      | -           | +            | <del>                                     </del> |             | 26           | 26       | 26          |      |
| 0/ 29           | 1 1              |       |            | 1     |        | - 1        |           | 1            |                                                  |             |              | 1 1                                              |             | 32           | 32       | 31          | 1    |
| 87 27           | • 2 2 •          |       |            |       |        |            |           |              | <del>                                     </del> |             | <del></del>  | <del>                                     </del> | <del></del> | 41           | 41       | 38          |      |
| 6/ 25           | .1 1.            |       | 1          |       |        |            |           |              |                                                  | - 1         |              |                                                  |             | 31           | 31       | 39          |      |
| 4/ 23           | .2 2.            | 6 I.3 | ı — į      |       |        |            |           |              |                                                  | <del></del> |              | <del> </del>                                     |             | 38           | 38       | 38          |      |
| 2/ 21:          | . 5 3.           | 2 1.5 |            |       |        | ļ          | ļ         | -            |                                                  |             |              | j                                                | 1           | 49           | 49       | 46          | :    |
| 07 19           | . 2 3.           | 8 1.8 | 1          |       |        |            |           |              |                                                  |             |              |                                                  |             | 54           | 54       | 43          | 7    |
| 8/ 17           | . 5 3.           |       | 1          |       |        |            | 1         |              |                                                  |             |              |                                                  |             | 48           | 48       | 62          | 4    |
| 67 15           | 6 3.             |       |            |       |        |            |           |              |                                                  |             |              |                                                  |             | 36           | 36       | 21          |      |
| 4/ 13           | .8 4.            | -     |            |       |        |            |           |              |                                                  |             |              |                                                  |             | 51           | 51       | 48          | 4    |
| 27 11           | 1.4 4.           |       | , ,        |       |        | 1          |           |              |                                                  |             |              |                                                  |             | 53           | 53       | 57          | -    |
| 0/ 9            | .6 3.            |       |            |       |        | _          |           |              |                                                  | _           |              | <u> </u>                                         |             | 42           | 42       | 45          | _ (  |
| 87 7<br>6/ 5    | .9 2.            |       |            | - 1   | ĺ      | 1          |           |              |                                                  |             | 1            |                                                  |             | 34           | 34       | 43          | -    |
| 6/ 5            | 2.2 3.<br>1.3 1. |       | ¦i         |       |        |            |           |              |                                                  |             |              |                                                  |             | 51           | 51       | 45          | ;    |
| 2/ 1            | 1.4 2.           |       |            | į     |        |            |           |              |                                                  |             |              |                                                  |             | 30<br>40     | 30<br>40 | 34          | - 1  |
| 0/ =1           | 1.3 2.           |       | ·          |       |        |            |           |              |                                                  |             |              | $\vdash$                                         |             | 37           | 37       | 44          |      |
| 2/ -3           | i.3 2.           |       |            | i     |        |            |           |              |                                                  |             |              |                                                  |             | 31           | 31       | 25          | •    |
| 4/ =5           | 7.4 1.           | -1    | ļ          |       |        |            |           |              |                                                  | -+-         |              | <del>  -</del>                                   |             | 37           | 37       | <b>3</b> 0. |      |
| 6/ -7           | .8 1.            |       |            |       |        | 1          |           |              |                                                  |             | İ            |                                                  |             | 17           | 17       | 14          | 3    |
| 8/ =9           | 1.4              |       | i —        |       |        |            | -+        |              |                                                  |             |              | <del>                                     </del> |             | Ţ9           | 19       | 25          | i    |
| 0/-11           | . 3              | 6     | :          | 1     |        |            |           |              |                                                  |             |              |                                                  |             | 9            | 9        | 9           | 2    |
| 2/-13           | • 2              | 1     |            |       |        |            |           |              |                                                  |             |              |                                                  |             | 2            | 2        | · 4.        | 2    |
| 4/-15           | .4 .             | 4     |            |       |        |            |           |              |                                                  |             |              |                                                  |             | 8            | 8        | 7           | 2    |
| ement (X)       | ΣX,              |       |            | E X   |        | X          | <b>₹</b>  | No. Ol       | s                                                |             |              | Mean No.                                         | of Hours wi | h Temperatur | •.       | _           |      |
| I. Hum.         |                  |       | i          |       |        |            |           |              |                                                  | 10F         | ± 32 F       | ≥ 67 F                                           | ≥ 73 F      | ≥ 80 F       | 2 93 F   | Tot         | al _ |
| y Bulb          |                  |       | ļ          |       |        |            |           |              |                                                  |             |              |                                                  |             |              |          |             |      |
| 1 Bulb          |                  |       | !          |       | _      |            |           |              |                                                  |             |              | ļ                                                | ļ           | L            |          |             | _    |
| ew Point        |                  |       | İ          |       |        |            |           | L            |                                                  |             | <u> </u>     | L                                                | İ           | 1            |          |             |      |

USAFETAC FORM 0.26-5 (OL.A) REVISIO PRIVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 26102       | FO            | KT S  | MITH                                         | NET    | DOT                   | APT          | •            |              |              | 57-          | 66           |                                                  |              |             |             |              |                                                  |                |          | м        | ⊾R.            |
|-------------|---------------|-------|----------------------------------------------|--------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------------------------------|--------------|-------------|-------------|--------------|--------------------------------------------------|----------------|----------|----------|----------------|
| STATION     | . –           |       |                                              | 5      | TATION N              | AME          |              |              |              |              |              |                                                  |              |             | YEARS       |              |                                                  |                |          | MON      |                |
|             |               |       |                                              |        |                       |              |              |              |              |              |              |                                                  |              |             |             |              |                                                  | PAG            | E Z      | 1500.    |                |
| Temp.       |               |       |                                              |        |                       | WET          | BULB         | TEMPE        | RATURE       | E DEPRI      | SSION        | (F)                                              |              |             |             |              |                                                  | TOTAL          |          | TOTAL    |                |
| (F)         | 0             |       |                                              | 5 . 6  | 7 - 8                 | 9 - 10       | 11 - 12      | 13 - 14      | 15 - 16      | 5 17 - 18    | 19 - 20      | 21 - 22                                          | 23 - 2       | 4 25 - 3    | 26 27 - 2   | 8 29 - 3     | 0 + 31                                           | D.B. W.B.      | Dry Bulb | Wet Bulb |                |
| 16/-17      | • 5           |       |                                              |        |                       | i -          |              |              | Ī            |              |              | 1                                                |              |             | Ī           |              | 1                                                | 6              | 6        | 6        | Z              |
| 18/-19      | . 1           |       |                                              |        |                       |              |              | ļ            | ļ            | ļ            | L            | <u> </u>                                         | L            | ļ           |             | ↓            |                                                  | 2              | 2        | 2        |                |
| 20/-21      | - 1           |       |                                              |        | I                     | i<br>I       | 1            | į            | ĺ            | İ            |              | 1                                                | 1            |             | ĺ           |              | ļ                                                | 1              | 1        | Zį       | 1              |
| -24/-25     |               |       |                                              |        |                       |              |              |              | <u> </u>     |              | ļ            |                                                  | <del> </del> |             |             | <del></del>  | <del></del>                                      | ļ              |          |          | 1              |
| -26/-27     |               |       |                                              |        |                       | !<br>I       | ;            |              | 1            |              |              | }                                                |              |             |             | j            |                                                  |                | 1        | Ì        | ì              |
| 287-29      |               |       | <u>.</u>                                     |        |                       |              | ·            | ļ <u>-</u>   | <del></del>  |              | H            |                                                  |              | +           |             | <del> </del> |                                                  |                | <b></b>  |          |                |
| -30/-31     |               |       |                                              |        |                       | I<br>I       | ļ            | Į.           | !            |              | l            | Į                                                | ļ            | 1           | ļ           |              | Ţ                                                |                |          |          |                |
| -32/-33     |               |       | :                                            |        |                       | <del> </del> | <del></del>  | <del></del>  | ļ            | <del> </del> |              | +                                                | <del> </del> | +           | +           | +            | +                                                | <del>   </del> |          | +        |                |
| -34/-35     |               |       |                                              |        |                       |              | ì            | 1            | Ì            | 1            | )            |                                                  | ì            |             | 1           |              | 1                                                |                | l ì      | 1        |                |
| TOTAL       | 20.0          | 75.5  | 16.7                                         | 5.1    | 2.7                   | . 1          | 4            |              | †            | -            |              |                                                  |              |             | -           | 1            | <del>                                     </del> |                | 930      |          | 93             |
|             |               |       |                                              |        |                       |              | L _          |              |              |              |              | <b>.</b>                                         |              | 1           | . 1         | 1            |                                                  | 930            |          | 930      |                |
|             | :             |       |                                              |        |                       |              |              |              | 1            |              |              |                                                  |              |             |             |              |                                                  |                |          |          |                |
|             | i             |       | <del></del>                                  |        |                       |              | ļ            | ļ            | ļ            | <del> </del> |              |                                                  | ļ            |             | 1           |              | ļ                                                |                | L        |          |                |
|             |               |       |                                              | l<br>I |                       |              | 1            | 1            | ĺ            |              |              | i                                                |              | 1           | İ           |              |                                                  | 1 :            | :        |          |                |
|             |               |       |                                              |        | <u> </u>              |              |              | <b> </b>     | ļ            |              | ļ            | <b>_</b>                                         |              | <del></del> |             | ــــ         | <del> </del>                                     | ļ              |          |          |                |
|             |               |       | ĺ                                            | ļ.     |                       | Į            |              |              | i            |              | }            |                                                  | 1            |             | }           | }            |                                                  |                |          | 1        |                |
|             | <del>+</del>  |       |                                              |        | ļ                     |              | ļ            | <del> </del> | <del> </del> | +            | <del> </del> | <del> </del>                                     | <b> </b>     | -           |             | ┼            | +                                                | ļ              |          |          |                |
|             | ļ             |       | ļ                                            |        |                       |              |              |              |              | İ            |              |                                                  |              |             | ĺ           |              | İ                                                |                |          | 1        |                |
|             | ·             |       | Ļ · · ·                                      |        |                       |              | <del> </del> | ļ            | <del> </del> | <del></del>  |              | <del> </del>                                     |              | +           |             |              | <del></del>                                      | <del> </del>   |          | <u>i</u> |                |
|             |               |       | :                                            | !      |                       | -            |              | i            | i            |              |              |                                                  |              | 1           |             | ì            |                                                  |                |          | }        |                |
|             | •j            |       | 1                                            | l      |                       |              |              | <del> </del> | 1            | <del>†</del> |              | <del> </del>                                     |              | +-          | +-          |              |                                                  | +              |          |          |                |
|             | :             |       |                                              | i      | i                     |              | 1            |              |              | !            |              |                                                  | ļ            |             | Į           |              | ļ                                                |                | {        |          |                |
|             | 4             |       | :                                            |        |                       |              | T            | 1            |              | †            |              | <del>                                     </del> | -            | +-          | +           |              | -                                                | †              |          |          |                |
|             | 1             |       |                                              | r<br>r | 1                     |              |              | 1            |              | -            | Ì            |                                                  | Ì            |             | ì           | 1            |                                                  |                |          | ,        |                |
|             |               |       |                                              |        |                       |              | 1            |              | ;            | 1            | 1            | 1                                                |              |             | <del></del> | 1            |                                                  | 1              |          |          |                |
|             |               |       |                                              |        | 1                     | ļ            | i            |              | 1            | _[           |              | (                                                | 1            | }           | 1           | 1            | }                                                |                | İ        | 1        |                |
|             |               |       |                                              |        |                       |              |              |              | Ī            | 1            |              |                                                  |              |             |             | 1            |                                                  |                | 1        |          |                |
| =-          | i _ i         |       |                                              |        |                       | ļ            | l            | L            | L            | 1            |              |                                                  |              | 1           |             |              |                                                  |                |          |          |                |
|             | _             |       | ļ                                            | i      | l                     | I            |              |              | İ            |              |              | }                                                | ]            | 1           |             |              |                                                  |                |          | Í        |                |
|             |               |       | Ļ ·                                          |        | ļ                     | ļ            | ļ            | 1            | <u> </u>     | 4            | L            | ļ                                                | <u> </u>     | 1           |             | -            | J                                                | J              |          |          |                |
|             |               |       | I                                            | i<br>I |                       | l            |              |              | !            |              |              | 1                                                | I<br>I       | İ           |             | 1            | į                                                | 1 1            |          | }        |                |
|             | <b> </b> i    |       | <u>.                                    </u> | -      | <u> </u>              |              | <u> </u>     |              | ┸┯           | 1            | <u></u>      | ــــــــــــــــــــــــــــــــــــــ           |              |             |             | <u> </u>     |                                                  | للليل          |          | i        |                |
| Element (X) | <del></del> - | Z x 1 | 8866                                         |        | z <sub>x</sub><br>624 | 10           | 67.1         | 12           | 114          | No. O        | 3 ()         |                                                  |              |             |             |              |                                                  | th Temperat    |          | . — -    |                |
| Rel. Hum.   | <del> </del>  |       | 2571                                         |        | 133                   |              | 14.6         | 146          | 108          |              | 30           | 10                                               | . 9          | 32 F        | 2 6         | 7 F          | ≥ 73 F                                           | ≥ 80 F         | ≥ 93 F   |          | otal 9         |
| Dry Bulb    | 1             |       | 5364                                         |        | 118                   |              | 13.8         | 12.          | 163          |              | 30           |                                                  |              | 77.         |             |              |                                                  | <del> </del>   |          |          | <del>- 9</del> |
|             |               |       |                                              |        |                       |              |              |              |              |              |              |                                                  |              |             |             |              |                                                  |                |          |          |                |

AFETAC FORM 0.26.5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FOI

DATA PROCESSING DIVISION USAF ETAC AIR FEATHER SERVICE/MAC

FUST SMITH NWT DOT APT

#### **PSYCHROMETRIC SUMMARY**

- - MONTH 1800-2000 PAGE 1 HOURS 12. 5. 7. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 48/ 47 46/ 45 44/ 43 42/ 41 .3 40/ 39 38/ 37 36/ 35 34/ 33 32/ 31 21  $\mathbf{I}\mathbf{I}$ 30/ 29 .2 1.0 2.5 1.2 28/ 27 26/ 25 35 .6 3.0 .3 1.8 24/ 23 22/ 21 20/ 19 18/ 17: 16/ 15 1.0 4.2 .5 4.0 .8 3.2 • 8 14/ 13 1.0 2.8 12/ 11 1.7 3.0 10/ 1.1 2.8 6/ 2.0 2.0 2.0 1.9 2.2 1.5 2.6 1.9 2.4 1.3 3.8 1.7 2/ ō7 =ì -2/ -3 35 -4/ -5 2.7 1.1 1.8 .9 1.6 .5 -6/ -7 -8/ -9 -10/-11 -12/-13 1.3 -14/-15 -16/-17 . 3 1.6 1.2 -18/-19 1.0 Σχ' ž x Element (X) No. Obs. . Mean No. of Hours with Temperature Rel. Hum. : 32 F Dry Bulb

57-66

Dew Point

DATA PROCESSING DIVISION JSAF ETAC AIR WEATHER SERVICE/HAC

#### **PSYCHROMETRIC SUMMARY**

FURT SMITH NWT DUT APT 57-66 MAR MONTH 1800-2000 PAGE 2 HOURS ... S. T. WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 - 18 19 - 20 21 22 23 24 25 26 27 - 28 29 30 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point C . 1 (F) -20/-21 10 13 -22/-23 -24/-25 5 20 6 • 1 3 **T**5 6 -26/-27 -28/-29 . 3 3 3 14 Ģ -30/-31 -32/-33 6 3 -34/-35 -36/-37 4 -38/-39 -42/-43 -44/-45 17.749.0 9.3 2.9 930 930 930 930 X 71,711,334 9.515.588 No. Obs. Mean No. of Hours with Temperature Element (X) 4904232 66708 Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ±0 F Total 89.0 29.3 309599 8831 930 Dry Bulb 263577 7743 8.314.640 930 30.2 Wet Bulb 235230 1820 930 2.015.792 92.4 73

REVISED MEVIOUS EDITIONS OF THIS HORM ARE DISCUETE 0-26-5 (OL A)

PATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 16102            | FURT S  | MITH  |       | T C! C! | · · · · · · · · · · · · · · · · · · · |               |              |                                                  | 57           | -66          |                 |        |         | u.       | ARS     |          |              |           |          |       | AR            |
|------------------|---------|-------|-------|---------|---------------------------------------|---------------|--------------|--------------------------------------------------|--------------|--------------|-----------------|--------|---------|----------|---------|----------|--------------|-----------|----------|-------|---------------|
| SIA: UN          |         |       | ST    | ATION N | AME                                   |               |              |                                                  |              |              |                 |        |         | YE       | AKS     |          |              | PAC       | SE 1     | 2100  | 0NTH<br>0=230 |
| Temp.            |         |       |       |         | WET                                   | BULB          | TEMPER       | RATURE                                           | DEPR         | ESSION       | (F)             |        | -       |          |         |          |              | TOTAL     |          | TOTAL |               |
| (F)              | 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8   | 9 - 10                                | 11 - 12       | 13 - 14      | 15 - 16                                          | 17 - 1       | 19 - 2       | 21 - 2          | 2 23 - | 24 25 - | 26       | 27 - 28 | 29 - 30  | ≥ 31         | D.B./W.B  | Dry Bulb |       |               |
| 52/ 51           | i       |       |       | . 1     |                                       |               |              |                                                  |              | Ĭ            |                 |        |         |          |         |          |              | 1         | 1        |       |               |
| 44/ 43           |         | . 1   |       |         |                                       |               | <u> </u>     |                                                  | l            | ļ            | <u> </u>        |        |         |          |         |          |              | 1 1       | 1        | . 1   | .]            |
| 42/ 41<br>40/ 39 |         | . 7   | . Z   |         |                                       |               |              |                                                  |              |              |                 |        |         | l        |         |          |              | 4         | 4        |       |               |
| 38/ 37           |         |       | • 1   | •1      |                                       |               | <del> </del> |                                                  | _            | <b></b> -    | <del> </del>    | +-     | $\perp$ |          |         | <u> </u> |              | - 2       | 9        | 2     |               |
| 36/ 35:          | . 5     |       | .2    |         |                                       |               | 1            |                                                  |              |              |                 |        |         | İ        |         |          |              | 13        |          |       | ;             |
| 34/ 33           | .3 .4   |       |       |         |                                       | L             | +            | <del> </del>                                     |              | ┼            | - <del></del> - | +-     | +       | $\dashv$ |         |          | -            | 11        |          | 1     | 1             |
| 32/ 31           | . 4     |       | . 1   |         |                                       | ı             |              |                                                  |              | 1            |                 | 1      |         |          |         |          |              | 12        |          |       |               |
| 30/ 29           | .1 .3   |       |       |         |                                       |               |              | <del>                                     </del> | <del> </del> | +            |                 | +      |         |          |         |          |              | 9         |          |       |               |
| 28/ 27           | .3 1.6  |       |       |         |                                       |               |              |                                                  |              |              |                 | 1      |         |          |         |          |              | 20        |          |       |               |
| 26/ 25           | .3 2.5  |       |       |         |                                       |               |              |                                                  |              |              |                 |        |         | $\neg$   | -       |          |              | 33        | 33       | 30    |               |
| 24/ 23           | .2 2.2  |       |       |         | L                                     |               |              |                                                  |              |              | 1               |        |         |          |         | l        |              | 22        |          |       |               |
| 22/ 21           | .5 2.7  |       |       |         |                                       |               |              |                                                  |              |              |                 |        |         |          |         |          |              | 31        | · -      |       |               |
| 20/ 19           | .6 2.6  |       |       |         |                                       |               | ـــ -        |                                                  | L            | ļ            |                 | 1      | _       | _        |         |          |              | 31        |          |       |               |
| 18/ 17<br>16/ 15 | 1.5 3.2 | 1 - 1 | - 1   |         |                                       |               | 1            | ļ                                                | Ì            | 1            | 1               |        | 1       | - {      |         | ł        | {            | 28        |          | 1 :   | 1 -           |
| 14/ 13           | 1.3 2.6 |       |       |         |                                       |               | -            | ļ                                                | ļ            | <del> </del> | -               | +      |         |          |         | <u> </u> | -            | 45        |          |       |               |
| 12/ 11           | 9 3.0   |       |       |         |                                       |               | 1            |                                                  |              |              |                 |        |         | ļ        |         |          | 1            | 36        |          |       | _             |
| 10/ 9            | 2.5 2.9 |       | -     |         |                                       |               | -            | ·                                                | <del> </del> | ┼            | ┼               | +-     | -       | -        |         |          | -            | 50        |          |       | , -           |
| 8/ 7             | 1.4 1.7 |       |       |         |                                       |               | i            |                                                  |              |              |                 | -      |         |          |         |          | 1            | 29        |          |       |               |
| 6/ 5             | 1.3 1.7 |       |       |         |                                       |               | <u> </u>     |                                                  | <del> </del> | +            | 1               | -i-    |         |          |         |          | <del> </del> | 28        |          |       | 1 -           |
| 4/ 3             | 1.1 1.6 | i l   |       |         |                                       |               |              |                                                  |              | 1            |                 |        | ŀ       |          |         |          |              | 25        |          |       |               |
| 2/ 1             | 2.4 1.4 | 4     | İ     |         |                                       |               | !            |                                                  |              | † —          |                 |        |         |          |         |          |              | 33        | 35       | 35    | 3             |
| 0/ -1            | 3.1 1.4 | 1     | Ì     |         |                                       |               | <u> </u>     |                                                  |              |              |                 | _i     |         |          |         | <u> </u> |              | 42        |          |       |               |
| 2/ -3            | 3.0 2.2 |       |       |         |                                       |               | 1            | ,                                                |              |              |                 |        |         | -        |         | Ì        | 1            | 48        |          | 1 1   |               |
| -4/ -5           | 3.6 1.3 |       |       |         | ļ                                     |               | <b></b>      |                                                  |              |              | ـــــ           | 1      |         | _4       |         |          | <u></u>      | 4.5       |          |       |               |
| 8/ -9            | 2.6 .9  |       |       |         |                                       |               | ł            |                                                  |              |              |                 |        |         | l        |         |          |              | 32        |          |       | i             |
| 10/-11           | 3.2     |       | · }   |         |                                       |               | -            |                                                  |              | <del> </del> | ļ               | +      | -       | -1       |         |          | -            | 34        |          |       | : :           |
| 2/-13            | 2.4     | 1 1   |       |         |                                       |               | 1            |                                                  |              |              | 1               |        | 1       |          |         |          |              | 28        |          |       |               |
| 4/-15            | 1.5     |       |       |         |                                       | · · · · · · · | <del> </del> |                                                  | <del> </del> | +            | +               | +-     |         | -+       |         |          | <del> </del> | 15        |          | 1     |               |
| 16/-17           | 2.7 .1  | 1 1   |       |         |                                       |               | 1            | 1                                                |              |              |                 |        |         | į<br>į   |         |          |              | 26        |          |       |               |
| 18/-19           | 2.9 .2  |       |       |         |                                       |               | <b>†</b>     |                                                  | <b>—</b>     | +            |                 | +      |         | +        |         |          | +-           | 29        |          |       |               |
| 20/-21           | 1.6 .2  |       |       |         | i                                     |               |              | [                                                | İ            |              |                 |        |         | ĺ        |         |          |              | 17        |          | 1     | _             |
| lement (X)       | Σx'     |       | 2     | ×       |                                       | X             | <b>₹</b>     |                                                  | No. O        | bs.          |                 |        |         |          | Mean i  | No. of H | ours wil     | h Tempera | ture     |       |               |
| Rel. Hum.        |         |       |       |         |                                       |               |              |                                                  |              |              | ≤ 0             | F      | ÷ 32    | F        | ≥ 67    | F        | 73 F         | ≥ 80 F    | ≥ 93     | F     | Total         |
| Pry Bulb         |         |       |       |         |                                       |               |              |                                                  |              |              |                 |        |         |          |         |          |              | <u> </u>  |          |       |               |
| Wet Bulb         |         |       |       |         |                                       |               | ļ            |                                                  |              |              |                 |        |         | _        |         |          |              | 1         |          |       |               |
| Dew Paint        |         |       |       |         |                                       |               |              |                                                  |              |              |                 |        |         | 1        |         |          |              | 1         |          | 1     |               |

USAFETAC FORM 0.26-5 (OL.A) BEVISED MENIOUS EDITIONS OF THIS FORM ARE OISCOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102              | . <u></u> | ב ואו     | MITH         | - FIW I | I UU  | AME         |                  |               |         | 57-                                              | 00          |                                                  |          | YE                                               | ARS                                              |           |          |                  |          | MON          |      |
|--------------------|-----------|-----------|--------------|---------|-------|-------------|------------------|---------------|---------|--------------------------------------------------|-------------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|-----------|----------|------------------|----------|--------------|------|
|                    |           |           |              |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          | PAGE             | 2        | 2100         | -23  |
| Temp.              |           | ,         |              | ,       |       |             |                  | TEMPER        |         |                                                  |             |                                                  |          |                                                  |                                                  |           | ,        | TOTAL            |          | TOTAL        |      |
| (F)                | 0         |           | 3 - 4        | 5 - 6   | 7 - 8 | 9 - 10      | 11 - 12          | 13 - 14       | 15 - 16 | 17 - 18                                          | 19 - 20     | 21 - 22                                          | 23 - 2   | 4 25 - 26                                        | 27 - 28                                          | 29 - 30   | ≥ 31     | D.B./W.B. D      |          | Wet Bulb     |      |
| -22/-23<br>-24/-25 | 1.8       |           |              |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          | 10               | 10<br>19 | 10<br>19     |      |
| -26/-27<br>-28/-29 | 1.1       |           |              |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          | 10               | 10       | 10           |      |
| 30/-31             |           |           | <del>-</del> | -       | -     |             | -                |               |         | <del></del>                                      | <u> </u>    | <del> </del>                                     |          | +                                                | 1                                                |           |          | 1                | 10       | - 3          |      |
| 32/-33             | . 4       | ĺ         | 1            |         |       | ļ           |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  | 4        | 4            |      |
| 34/-35             |           |           | !            |         | -     |             | <del>-</del>     | 1             |         | <del> </del>                                     |             |                                                  |          | +                                                | <del>  </del>                                    | -         |          | 1                |          | - 7          |      |
| -36/-37            |           | 1         |              |         |       |             |                  | 1 1           |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          | •                | 1        | •            |      |
| 38/-39             |           |           | <del></del>  |         |       | <del></del> | <del>  -  </del> | <del>  </del> |         | +-                                               | <u> </u>    | +                                                | <u> </u> | +                                                | <del>                                     </del> | <u> </u>  | <u> </u> | 1                |          |              |      |
| 40/-41             |           |           |              |         |       |             |                  |               |         |                                                  |             | İ                                                |          |                                                  |                                                  |           |          |                  | ~        |              |      |
| -42/-43            |           |           | -            |         |       |             | <del> </del>     | +             |         | <del>                                     </del> |             | <del> </del>                                     |          | <del></del>                                      | !                                                |           |          | · · · · · · ·    |          |              |      |
| -44/-45            |           | l         |              |         |       |             |                  | 1 1           |         |                                                  |             | 1 :                                              |          |                                                  |                                                  |           |          |                  |          |              |      |
| 46/-47             |           | _         |              |         |       |             | t                |               |         | <del>                                     </del> |             |                                                  |          | <u> </u>                                         | <del>                                     </del> |           |          | ++               |          |              |      |
| TOTAL              | >0.6      | 43.1      | 5.2          | . 9     | . 2   |             | 1                | 1 1           |         |                                                  |             | -                                                |          | İ                                                |                                                  |           |          |                  | 930      |              | 9    |
|                    |           | ·         |              |         |       |             |                  | † †           |         | 1                                                | <del></del> | +                                                |          | <del> </del>                                     | 1                                                |           |          | 927              |          | 927          |      |
|                    |           | İ         |              |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  |          | _            |      |
|                    |           |           | !            |         |       |             | 1                |               |         |                                                  | _           |                                                  |          | _                                                | <b></b>                                          |           |          | <del></del>      |          |              |      |
|                    |           | i<br>I    |              |         |       |             |                  | 1             |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  |          |              |      |
| i                  |           | ;         |              |         |       |             |                  | -             |         |                                                  |             | <del>                                     </del> |          | <del>                                     </del> | 1                                                |           |          | <del></del>      |          |              |      |
|                    |           |           |              |         |       | ł           | ŀ                |               |         | i l                                              |             |                                                  |          |                                                  |                                                  |           | !        |                  |          |              |      |
|                    |           | •         |              |         |       |             | 1                | 1             |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          | <del>    -</del> |          |              |      |
|                    |           | •         |              |         |       |             | 1                |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  |          | 1            |      |
|                    |           |           | !            |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  |          |              |      |
| ļ                  |           | İ         |              |         |       |             | 1                |               |         | 1 1                                              | İ           |                                                  |          |                                                  | [                                                |           |          |                  |          |              |      |
| ·                  |           |           | 1            |         |       |             |                  | 1             |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  |          |              |      |
|                    |           | i         | 1            |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  |                                                  |           |          |                  |          |              |      |
|                    |           | ;         | 1            |         | -     |             |                  | 1             |         | $\vdash \neg \vdash$                             |             |                                                  |          |                                                  |                                                  |           |          |                  |          |              |      |
|                    |           | !         |              |         |       |             |                  |               |         |                                                  |             |                                                  |          |                                                  | ]                                                |           |          |                  |          | i            |      |
|                    |           | ·- —      |              |         |       |             |                  | T             |         | 1                                                |             |                                                  |          |                                                  |                                                  |           |          |                  |          |              |      |
|                    |           | I         | į            |         |       |             |                  |               |         |                                                  |             | Ì                                                |          |                                                  |                                                  |           |          |                  |          | 1            |      |
|                    |           |           | i ···        |         |       |             | 1                |               |         | 1                                                |             |                                                  |          | 1                                                |                                                  |           |          |                  |          | 1            | •    |
| 1                  |           | ļ         | L            |         |       |             |                  | L i           |         | ]                                                |             |                                                  |          |                                                  | [ ]                                              |           |          | ]                |          |              |      |
|                    |           | · · · · · |              |         |       |             |                  |               |         |                                                  |             |                                                  | _        |                                                  |                                                  |           |          |                  |          |              |      |
| Element (X)        |           | Σχ'       |              |         | Σχ    |             | X                | <b>₽</b> g    |         | No. Ob                                           |             |                                                  |          |                                                  | Mean N                                           | lo. of Ho | ours wit | h Temperatur     | •——      |              | _    |
| Rel. Hum.          |           |           | 0641         |         | 687   | 21          | 74.1             | 9.6           | 16      |                                                  | 27          | = 0 1                                            |          | ≤ 32 F                                           | ≥ 67                                             | F ,       | 73 F     | ≥ 80 F           | ≥ 93 F   | T            | otal |
| Dry Bulb           |           |           | 4006         |         | 36    |             |                  | 16.60         |         |                                                  | 30          | 41                                               |          | 88.7                                             |                                                  |           |          |                  |          |              |      |
| Wet Bulb           |           |           | 4439         |         | 32    |             | 3.5              | 15.8          | 58      |                                                  | 27          | 41                                               |          | 90.3                                             |                                                  |           |          |                  |          | <del> </del> | •    |
| Dew Point          |           | - 27      | 1386         |         | -20   | 76          | -7.7             | 16.9          | 77      | 9                                                | 27          | 30                                               | •1       | 92.6                                             | <del></del>                                      |           |          | t                |          |              |      |

USAFETAC FORM 0.26-5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FORM A

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

STAT:ON

FORT SMITH NET DOT APT

STATION NAME

ZX

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

≥ 93 F

≥ 67 F × 73 F

APR

MONTH

PAGE 1 0000-0200 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 50/ 49 48/ 47 46/ 45 .6 44/ 43 16 16 40/ 39 38/ 37 36/ 35 1.8 14 .2 3.1 2.8 68 68 38 6 1.1 2.9 2.7 34/ 33 32/ 31 66 71 66 61 71 80 51 ·1 3.7 3.0 ·2 6.7 1.4 30/ 29 61 61 28/ 27 76 69 76 56 .3 3.2 1.0 .8 4.9 1.1 1.0 2.9 .9 41 41 24/ 23 61 55 80 22/ 21 43 58 **6**7 .3 3.2 .6 2.7 .1 1.9 20/ 19 39 39 40 69 18/ 17 • 1 30 30 40 46 • 1 19 19 28 50 14/ 13 .8 1.6 22 22 12/ 11 30 .8 2.1 26 19 39 1.0 2.3 .8 1.6 1.2 1.4 30 32 32 8/ 21 30 24 21 67 24 24 21 21 1.0 .8 1.3 1.1 1.3 1.0 4/ 16 16 18 22 77 33 22 0/ -1 24 20 21 -2/ -3 . 2 8 11 16 -4/ -5 13 25 13 11 -67 -7 • 1 18 -8/ -9 . 8 8 8 21 -10/-11 . 7 12 6 6 -12/-13 -14/-15 -16/-17 10

No. Obs.

5 0 F

≤ 32 F

57=66

JSAFETAC FORM 0-26-5 (OLA) REVISED REVIOUS EDITIONS OF THIS FORM A

Dry Bulb Wet Bulb

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

26102 FORT SMITH NWT DOT APT 57-66 APR YEARS STATION NAME PAGE 2 0000-0200 HOURS IL. S. T.

| Temp.       |      |               |             |                                                  |                                                  |                | T BULE                                           |              |                 |              |              |                |              |               | -        | -      | _      |                       |                |              | TOTAL        |                                                  | TOTAL                                        |                                                  |
|-------------|------|---------------|-------------|--------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------|-----------------|--------------|--------------|----------------|--------------|---------------|----------|--------|--------|-----------------------|----------------|--------------|--------------|--------------------------------------------------|----------------------------------------------|--------------------------------------------------|
| (F)         | 0    | 1 - 2         | 3 - 4       | 5 - 6                                            | 7 - 8                                            |                |                                                  |              |                 |              |              |                |              | 22 23         | 3 - 24   | 25 - 2 | 26 2   | 7 - 28                | 29 - 3         | 0 231        | D.8./W.8.    | Dry Bulb                                         | Wet Bulb                                     | Dew Poin                                         |
| 18/-19      | . 2  |               |             | :                                                | <del></del> -                                    | 1              | 1                                                | 1            | 1               |              |              | <u> </u>       | <del> </del> |               |          | ,      | +      |                       | <u> </u>       | 1            | 2            | 2                                                | 2                                            | 3                                                |
| -20/-21     | . 1  |               | İ           | Į.                                               |                                                  | ]              |                                                  |              | ſ               |              |              |                | 1            | [             |          | (      | - [    |                       | ĺ              | 1            | 1            | 1                                                | 1                                            | 3                                                |
| -22/-23     | . 1  |               | ÷           |                                                  | <del>                                     </del> | <b>†</b>       | +                                                | +            |                 |              |              | <del>  -</del> | <del> </del> |               |          |        | +      |                       | -              | +-           | 1            | 1                                                | 1                                            | 3                                                |
| -24/-25     | - 7  |               |             |                                                  | l                                                | 1              | i                                                | 1            | ı               |              |              |                | 1            |               |          | }      | 1      |                       |                | 1            | 1            | •                                                | "                                            | 3                                                |
| -28/-29     |      |               | i           | ļ                                                |                                                  | <del> </del> - | +                                                | -            |                 |              | <u> </u>     |                | +            | -             |          |        | +      |                       |                | ┪            |              | <del>                                     </del> | <del> </del>                                 | 1                                                |
| TOTAL       | 18.6 | 55.0          | 19.3        | 5.7                                              | 1.2                                              |                | 2                                                |              | - 1             |              | Į            |                | 1            |               |          | 1      | -      |                       | ļ              |              |              | 900                                              |                                              | 900                                              |
|             |      |               | -           | -                                                |                                                  |                | 7-                                               |              | -+              |              |              | <del> </del>   | +-           | +             |          |        | ┿      |                       |                | <del></del>  | 900          |                                                  | 900                                          |                                                  |
|             |      |               | ]           | ]                                                |                                                  |                |                                                  |              | İ               |              |              | 1              |              |               |          | 1      |        |                       |                |              | 1            | 1                                                |                                              | 1                                                |
|             |      |               | <del></del> | <del></del> -                                    | <del></del>                                      | <del> </del>   | +                                                |              |                 |              | <del></del>  |                | +-           | -+-           |          | -      | +      |                       | -              |              | +            | <del> </del>                                     |                                              | <del> </del>                                     |
|             |      |               | İ           | 1                                                |                                                  |                |                                                  |              | - 1             |              |              |                | 1            | 1             |          |        |        |                       |                | 1            | 1            |                                                  |                                              |                                                  |
| ··          |      |               | <del></del> | <del></del>                                      |                                                  | -              | +                                                | +            |                 |              | ⊢            | <b>├</b>       | +-           |               |          | ├—     | +      |                       |                |              | +            | <del> </del>                                     | <del> </del>                                 |                                                  |
| 1           | }    |               |             |                                                  |                                                  |                |                                                  | 1            | - 1             |              |              |                |              |               |          | i      | ļ      |                       |                | 1            |              |                                                  |                                              |                                                  |
|             |      |               | ļ           | ├──                                              | <b></b>                                          | —              | +                                                | +-           |                 |              | <b>-</b>     | <b>├</b>       | +-           | $\rightarrow$ |          | ├      | +      |                       | <del> </del> - |              | <del></del>  | <b>├</b> ─                                       | <del> </del>                                 | <del> </del>                                     |
| 1           | ŀ    |               |             | ļ                                                |                                                  |                |                                                  |              | 1               |              |              |                | 1            | - 1           |          | 1      |        |                       | )              | 1            |              |                                                  |                                              | İ                                                |
|             |      |               | ļ           | ļ                                                |                                                  | <b>↓</b>       |                                                  | →—           |                 |              | ├            | <b>}</b> —     |              |               |          |        | 4      |                       |                |              | <del></del>  |                                                  | ļ                                            |                                                  |
|             | ļ    |               |             |                                                  |                                                  |                |                                                  |              |                 |              |              |                | ſ            | ĺ             |          | 1      | - (    |                       | 1              | 1            |              | 1                                                | 1                                            | 1                                                |
|             |      |               | ļ           | ļ                                                |                                                  | -              |                                                  | <u> </u>     |                 |              | <u> </u>     | L              | +-           |               |          | ļ      | 4      |                       |                | <del> </del> | J            | 1                                                | ļ                                            | <u> </u>                                         |
| İ           | - (  |               | 1           | ĺ                                                | 1                                                | 1              | 1                                                | 1            | ł               |              | 1            |                | 1            | 1             |          | ł      |        |                       | }              | 1            | 1            | 1                                                | 1                                            | 1                                                |
|             |      |               |             | L                                                |                                                  |                |                                                  |              |                 |              |              | <u> </u>       | Т.           |               |          |        |        |                       |                |              |              |                                                  | 1                                            |                                                  |
| }           |      |               |             | į                                                | }                                                | 1              | 1                                                | }            | - }             |              | l            |                |              |               |          |        |        |                       |                | }            |              |                                                  |                                              |                                                  |
|             | i    |               |             |                                                  |                                                  | 1              |                                                  |              |                 |              | _            |                |              |               |          |        | 1      |                       |                |              |              |                                                  |                                              | ļ                                                |
|             |      |               | 1           | ]                                                |                                                  |                |                                                  | i            |                 |              |              |                | T.           |               |          | i .    |        |                       |                |              |              |                                                  |                                              |                                                  |
| į           | 1    |               | ļ           |                                                  |                                                  |                |                                                  |              |                 |              | [            | ĺ              | 1            | Í             |          | ĺ      | 1      |                       | ĺ              | 1            | 1            | ĺ                                                | 1                                            | 1                                                |
|             |      |               | 1           |                                                  |                                                  |                |                                                  |              |                 |              |              |                |              |               |          |        |        |                       |                |              |              |                                                  |                                              |                                                  |
|             | !    |               |             | i                                                | í                                                |                |                                                  | 1            | - 1             |              | l            | l              |              |               |          | 1      | 1      |                       | 1              | ł            | 1            | ł                                                | }                                            |                                                  |
|             |      |               | 1           |                                                  |                                                  |                | T .                                              | 1            |                 |              |              |                | 1            |               |          |        | T      |                       |                | 1            |              |                                                  |                                              |                                                  |
|             |      |               | 1           | 1                                                | }                                                | 1              | 1                                                | 1            | - [             |              | )            |                |              |               |          | 1      | Į      |                       |                | 1            |              | 1                                                | }                                            |                                                  |
|             |      |               | -           |                                                  |                                                  | † · · · ·      | _                                                | $\top$       | _               |              |              | $T^{-}$        | 1            | _             |          |        | $\top$ |                       |                | 1            | 1            |                                                  | †——·                                         |                                                  |
| ļ           | }    |               |             | j                                                | ]                                                |                |                                                  | )            |                 |              |              | 1              |              |               |          |        |        |                       | l              | 1            | 1            |                                                  |                                              |                                                  |
|             |      |               | †           |                                                  |                                                  | †              |                                                  | 1            | $\neg$          |              |              | $\vdash$       | +-           |               |          |        | +      |                       | <u> </u>       | +            | +            | †                                                | <del> </del>                                 | <del> </del>                                     |
| į           |      |               | İ           | 1                                                | 1                                                |                |                                                  |              |                 |              | !            | Į              |              |               |          | 1      |        |                       |                | 1            |              |                                                  |                                              | 1                                                |
|             |      |               | †           | <del>                                     </del> |                                                  |                | <del>                                     </del> | +            |                 |              | <b>-</b>     | _              | <del> </del> | +-            |          | -      | +      | -                     | -              | +            | +            |                                                  | †                                            | <del> </del>                                     |
| i           | [    |               |             | i                                                |                                                  |                |                                                  |              |                 |              |              |                |              |               |          |        |        |                       |                | 1            |              |                                                  |                                              |                                                  |
|             |      |               | +           | <del>                                     </del> |                                                  | <del> </del>   | +                                                | <del> </del> |                 |              | <del> </del> | +              | +            | -+            |          | 1      | -+-    |                       |                | +            | +            | <del> </del>                                     | <del> </del>                                 | <del>                                     </del> |
|             | !    |               |             | 1                                                |                                                  |                | 1                                                |              |                 |              |              |                |              |               |          | Ī      |        |                       |                |              | 1            |                                                  |                                              |                                                  |
| Element (X) |      | Z x 2         |             | <del> </del>                                     | Z X                                              | 1              | -                                                | +            | <u> </u>        | 1            | No. O        | ha.            | +            |               |          |        | Щ      | Hean h                | 10 05          | Hours =      | ith Tempera  | ture.                                            | ٠                                            |                                                  |
| Rel. Hum.   |      | - <u>4</u> 19 | 3901        | <del> </del>                                     | 676                                              | 541            | <del>73.</del>                                   | 211.<br>213. | <del>. Ô7</del> | 1            |              | 00             | ┼            | 0 F           | Τ.       | 32 F   |        | <u>meon r</u><br>≥ 67 |                | 2 73 F       | * 80 F       | 2 93                                             |                                              | Total                                            |
| Dry Bulb    |      |               | 3925        |                                                  | 199                                              |                | 77                                               | 711          | 34              | ┪            |              | 700            | <del> </del> | 7.            | <u> </u> | 67.    | B      | 2 0/                  | -              | € /3 F       | 2 80 F       | 2 43                                             | <u>-                                    </u> | 90                                               |
| Wet Bulb    |      |               | 3143        |                                                  | 183                                              |                | 20                                               | 412          | . 60            | <del>-</del> |              | 00             | <del> </del> | 8             |          | 77.    |        |                       | -+-            |              | +            | -                                                |                                              | 90                                               |
| 1           |      |               | 8169        |                                                  | 137                                              |                |                                                  | 313.         |                 |              |              | 700            | ┼            | 14.           |          | 87.    |        |                       | -              |              | <del> </del> |                                                  |                                              | 90                                               |
| Dew Point   |      | 29            | 74 147      |                                                  | 131                                              | , , ,          | 191                                              | 272          |                 | _1           |              | - 00           | <u> </u>     | 440           | <u> </u> | 97.    | ٧_     |                       |                |              |              |                                                  |                                              |                                                  |

USAFETAC NORM 0.26-5 (OLA)

| 6102            | FIRT S    | MITH              |             |                                                  |              |        |              |               | 57-     | 66       |               |                   |         |         |         |          |              |              | ΔP            | R     |
|-----------------|-----------|-------------------|-------------|--------------------------------------------------|--------------|--------|--------------|---------------|---------|----------|---------------|-------------------|---------|---------|---------|----------|--------------|--------------|---------------|-------|
| STATION         |           |                   | 51          | TATION NA                                        | ME           |        |              |               |         |          |               |                   | YE      | ARS     |         |          | PAGE         | 1            | 0300=         |       |
|                 |           |                   |             |                                                  |              |        |              |               |         |          |               |                   |         |         |         |          |              | •            | -HOURS IL.    |       |
| Temp.           |           |                   |             |                                                  | WET          | BULB . | TEMPER       | ATURE         | DEPRE   | SSION (F | )             |                   |         |         |         |          | TOTAL        |              | TOTAL         |       |
| (F)             | 0 1 - 2   | 3 - 4             | 5 - 6       | 7 - 8                                            | 9 - 10       |        |              | 15 - 16       | 17 - 18 | 19 - 20  | 1 - 22 2      | 3 - 24            | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31     | D.B. W.B. D. | y Bulb       | Wet Bulb D    | ew Po |
| 48/ 47          |           |                   | i           | .                                                |              | . 1    |              |               |         |          |               | 1                 |         |         |         |          | 1            | ì            |               |       |
| 46/ 45          |           |                   |             | . 1                                              | 1            |        |              |               |         | i        |               | i                 |         |         |         |          | 2            | 2            |               |       |
| 447 43          |           | • I               | . 4         | • 1                                              |              |        |              |               |         |          |               |                   |         |         |         |          | 8            | 6            |               | _     |
| 12/ 41          |           | . 7               |             |                                                  |              |        |              |               |         | _ !      |               | Ì                 |         | 1 1     |         | 1        | 7            | 7            |               |       |
| 0/ 39           | . 4       |                   | . 6         |                                                  |              |        |              |               |         |          |               |                   |         |         |         |          | 12           | 15           | 2             |       |
| 8/ 37           | • 6       |                   | . 3         |                                                  |              |        |              |               |         |          |               |                   |         |         |         | !        | 15           | 16           | 18            |       |
| 6/ 35           | .2 3.1    |                   | . 6         |                                                  | - 1          |        |              | i i           |         | 1        | i             | i                 |         |         |         |          | 58           | 58           | 13            |       |
| 4/ 33           | 1.1 3.2   | 1                 | • 1         | 1 !                                              |              |        |              |               |         |          |               | i_                |         |         |         |          | 53           | 53           | 55            |       |
| 2/31            | 1.2 4.4   |                   | . 3         |                                                  |              |        |              |               |         |          |               |                   |         |         |         |          | 76           | 76           | 72            |       |
| 0/ 29           | • 4 4 • 1 |                   | • 2         | $\longmapsto$                                    | <del> </del> |        | <u> </u>     |               |         |          |               |                   |         |         |         |          | 56           | 56           | 67            | _ :   |
| 8/ 27           | .8 5.3    |                   | -           |                                                  | ĺ            |        |              |               |         | - 1      |               | j                 |         | į į     |         |          | 71           | 71           | 66            |       |
| 6/ 25           | 1.0 4.4   |                   |             | L                                                |              |        |              |               |         |          |               |                   |         |         |         |          | 65           | 65           | 75            |       |
| 4/ 23<br>2/ 21  | . 8 4 . 8 |                   | ĺ           |                                                  | - (          |        |              |               |         |          | ļ             | - 1               |         |         |         |          | 53           | 53           | 56            |       |
|                 | 1.0 2.8   |                   |             |                                                  |              | :      |              |               |         |          |               |                   |         |         |         |          | 37           | 37           | 67            |       |
| 0/ 19           | .6 3.2    |                   | l           |                                                  | İ            |        |              |               |         |          | [             | 1                 |         |         |         |          | 37           | 37           | 33            |       |
| 8/ 17           | 1.1 3.6   |                   |             |                                                  |              |        |              |               |         |          |               |                   |         |         |         |          | 43           | 43           | 41            |       |
| 6/ 15<br>4/ 13: | .9 2.2    | i .               |             |                                                  |              |        |              |               |         | İ        |               |                   |         |         |         |          | 28           | 28           | 44            | -     |
| 2/ 11           | 1.0 1.4   | : !               |             |                                                  |              |        |              |               |         |          |               |                   |         |         |         |          | 22           | 22           | 26            | - 1   |
| 0/ 9            | 9 1.6     |                   | }           |                                                  |              |        |              |               | 1       |          |               |                   |         |         |         |          | 31           | 31           | 26            | 3     |
| 8/ 7            | 8 1.9     |                   |             |                                                  |              |        |              |               |         |          |               |                   |         |         |         |          | 22           | 22           | 29            |       |
| 6/ 5            | 1.6 1.1   |                   | İ           |                                                  |              |        |              |               |         | 1        |               | ļ                 |         |         |         |          | 24           | 24           | 23<br>29      | 3     |
| 4/ 3            | 1.1       | · ‡               | -           |                                                  |              |        |              |               |         |          |               |                   |         | lI      |         |          | 26           | 26           |               |       |
| 2/ 1            | 1.6 .9    |                   | Î           | 1 1                                              | 1            |        |              | ļ             |         |          |               |                   |         |         | i       |          | 14<br>22     | 14           | 17<br>21      | 7     |
| 0/ -1           | 1.1 1.0   | 1 :               |             | <b>├</b>                                         |              | _      |              |               |         |          |               |                   |         | -       |         |          | 19           | 19           | 14            |       |
| 2/ -3           | 1.3 1.0   |                   | l           | 1 1                                              | - 1          |        |              | 1             |         | }        | -             | - 1               |         |         |         | l .      | 21           | 21           | 22            | 1     |
| 4/ -5           | 1.8 .3    |                   |             | <del>  </del>                                    |              |        |              |               |         | -        | -+            |                   |         |         |         |          | 19           | 19           | 24            | - 1   |
| 6/ -7           | 9 2       |                   |             |                                                  |              |        |              |               |         |          | į.            |                   |         |         |         |          | 10           | 10           | 11            | i     |
| 8/ -9           | .7        |                   |             | <del> </del>                                     |              |        | -            |               |         |          | -             | $\longrightarrow$ |         |         |         | -        | 10           | 10           | - 4           | - 1   |
| 0/-11           | 7 1       |                   |             | 1                                                | i            |        |              |               | i       |          | ł             | -                 |         |         |         |          | ```          | 7            | 8             | 2     |
| 2/-13           | - 8       |                   |             | <del>                                     </del> |              |        | <del> </del> |               |         |          | $\rightarrow$ | -+                |         |         |         |          | <del></del>  | <del>(</del> | <del></del>   | _i    |
| 4/-15           | 1.3       | i l               | Ì           | [                                                | ĺ            | 1      | 1            |               |         | 1        |               | 1                 |         |         |         |          | 12           | 12           | 12            | i     |
| 6/-17           | .6 .1     | r — +             |             |                                                  |              |        |              |               | -       |          | +             | $\rightarrow$     |         |         |         |          | - 6          | 6            |               |       |
| 8/-19           | .3        |                   |             |                                                  |              |        |              |               |         |          | 1             |                   |         |         |         |          | 4            | 2            | 1             | 1     |
| lement (X)      | E x 2     | $\longrightarrow$ | <del></del> | Σχ                                               | ┰┙           | Χ̈́    |              | $\neg$        | No. Ob  | . +      |               |                   |         | Mean N  | o of He | ure with | Temperatur   |              |               |       |
| el. Hum.        |           |                   |             |                                                  | +-           |        |              |               | .10. 00 | -        | = 0 F         | T -               | 32 F    | × 67 I  |         | 73 F     | ≥ 80 F       | ≥ 93 F       | 7.            | otal  |
| y Bulb          |           | -+                |             |                                                  | +            |        | <del> </del> | <del></del>   |         | -        |               | +-                |         |         | +       |          | 2 80 1       | - 73 F       |               |       |
| er Bulb         |           |                   |             |                                                  |              |        | -            |               |         |          |               | +                 |         |         | +-      |          | -            |              |               |       |
| ew Point        |           |                   |             |                                                  | +-           |        |              | $\rightarrow$ |         |          |               |                   |         |         |         |          |              | ——           | $\rightarrow$ |       |

USAFETAC FORM 0.26-5 (OLA)

| 6102        | FU           | RT S | иттн         | N# T     | TUU N  | AME    |              |              |                                                  | 57-              | 66                                               |              |        |           | YEARS |         |      |      |              |              |               | PR<br>NTH      |
|-------------|--------------|------|--------------|----------|--------|--------|--------------|--------------|--------------------------------------------------|------------------|--------------------------------------------------|--------------|--------|-----------|-------|---------|------|------|--------------|--------------|---------------|----------------|
|             |              |      |              |          |        |        |              |              |                                                  |                  |                                                  |              |        |           |       |         |      |      | PAG          | £ 2          | U300          | ≈050           |
| Temp.       |              |      |              | ,        |        |        |              |              |                                                  | DEPRI            |                                                  |              |        |           |       |         |      |      | TOTAL        |              | TOTAL         |                |
| (F)         |              |      | 3 - 4        | 5 - 6    | 7 - 8  | 9 - 10 | 11 - 12      | 13 - 14      | 15 - 16                                          | 17 - 18          | 19 - 20                                          | 21 - 22      | 23 - 2 | 24 25 - 3 | 26 27 | - 28 29 | - 30 | ≥ 31 | D.B. W.B.    | Dry Bulb     | Wet Bulb      | Dew Po         |
| 20/-21      | • 1          |      |              |          |        | <br>   |              |              |                                                  |                  |                                                  |              |        | ĺ         | - (   |         |      |      | 1            | İ            | 2             |                |
| 22/-23      | • <b>t</b> i | • 1  |              | ·        |        |        | <u> </u>     | -            | <del> </del> -                                   | - <del></del>    | ļ                                                |              |        |           |       |         |      |      | 2            | 2            | 2             |                |
| 26/-27      |              | - 1  |              | :        |        | 1      |              | 1            | }                                                | 1                | }                                                |              |        | -         |       | - {     |      |      | į            |              | 1             |                |
| 40/-41      |              | :    |              |          |        |        | <del> </del> |              |                                                  | · <del> </del> - | <del> </del>                                     | <del> </del> |        |           |       |         |      |      | <del> </del> |              |               | -              |
| 44/-45      |              |      |              |          | ļ      | 1      |              |              |                                                  |                  |                                                  |              |        |           |       |         |      |      | 1            |              |               | l<br>I         |
| DYAL        | 27.1         | 55.2 | 14.6         | 7.7      | . 2    | 1      | 1            |              | -                                                | -                | <del> </del>                                     |              |        |           | -1-   |         | 1    |      | <del> </del> | 900          | ·             | 90             |
|             | '            | 1    |              |          | 1      | ĺ      | 1            |              |                                                  | İ                |                                                  |              |        | 1         |       |         |      |      | 900          |              | 900           |                |
|             |              |      |              |          |        |        |              |              |                                                  |                  |                                                  |              |        | 1         |       |         |      |      |              |              |               |                |
|             |              |      |              |          |        |        | <u> </u>     |              | ļ                                                |                  | <u> </u>                                         |              |        |           |       |         |      |      |              |              | L             |                |
|             | -            | Ī    |              |          |        |        |              |              | ]                                                |                  | ]                                                | ]            |        |           |       |         |      |      |              |              |               |                |
|             |              |      |              |          |        |        | <b></b>      | <u> </u>     | ļ                                                | <u> </u>         | L                                                | L            |        | -         |       |         |      |      | ļ <u> </u>   |              | ļ             |                |
|             | i            |      |              |          |        | }      |              |              |                                                  | ļ                |                                                  |              |        |           | 1     |         | ļ    |      |              |              |               |                |
|             | ;            | - ;  |              |          |        |        | <del> </del> |              | <del> </del>                                     | <del> </del> -   | <del> </del>                                     |              |        |           |       |         |      |      |              |              | <del> </del>  | <del> </del> - |
|             |              |      |              |          |        |        |              |              |                                                  | İ                |                                                  |              |        |           |       | ĺ       | - 1  |      | į<br>į       |              | 1             |                |
|             |              |      |              |          |        |        | <u> </u>     | <del> </del> |                                                  | <del>}</del>     |                                                  |              | _      | +         | +     | +       | +    |      |              |              | <del> </del>  |                |
|             |              |      |              |          |        | 1      |              |              |                                                  |                  |                                                  |              |        |           |       |         |      |      |              |              | 1             |                |
|             | • • ;        | ,    |              |          |        |        | <del></del>  | <del> </del> |                                                  |                  |                                                  |              |        | +-        | -     |         |      |      |              |              |               |                |
|             |              | :    |              |          |        | 1      |              | i            |                                                  | 1                |                                                  |              |        |           | İ     |         |      |      |              |              | :             |                |
|             |              |      |              |          |        |        |              |              |                                                  |                  |                                                  |              |        |           |       |         |      |      |              |              | <u> </u>      |                |
|             |              | 1    |              |          |        | Ĺ.     |              |              | ]                                                | i                |                                                  |              |        |           |       |         |      |      | 1            |              | į i           |                |
|             |              | .,   |              |          |        |        |              |              |                                                  |                  |                                                  |              |        |           |       |         |      |      |              |              |               |                |
|             | i            |      | :            | :<br>    | !<br>  |        | ļ            |              | <u></u>                                          |                  | L                                                |              |        |           |       |         |      |      |              |              |               |                |
|             |              | i    |              |          |        |        | i            |              | i                                                | 1                | }                                                | 1 1          |        |           | -     |         |      |      | 1            |              |               |                |
|             |              | •    | ,            |          |        | L      | <u> </u>     |              | <u> </u>                                         |                  | ļ                                                |              |        |           | 4     |         |      |      |              |              |               |                |
|             |              | ĺ    |              |          | l<br>I | į      | 1            |              |                                                  | }                |                                                  |              |        |           |       |         |      |      | 1            |              |               |                |
| !           |              |      |              |          |        | -      | <del></del>  |              | <del> </del>                                     | 1                | <del> </del>                                     | <u> </u>     |        |           | +     |         | -+   |      |              |              | <del>  </del> |                |
|             |              | 1    |              |          |        |        |              |              |                                                  |                  |                                                  |              |        |           |       |         |      |      | }            |              |               |                |
|             |              |      | -            |          |        | t      | <del> </del> | <u> </u>     | <del> </del>                                     | +                | -                                                |              |        | +-        |       | -       |      |      | <del> </del> |              |               |                |
|             |              |      |              |          |        |        |              |              |                                                  | 1                |                                                  |              |        |           | -     |         |      |      |              |              |               |                |
|             |              |      |              |          | ·      | ·      | †            | <u> </u>     | <del>                                     </del> | <del> </del>     | <del>                                     </del> | <b> </b>     | _      | +         | - -   | +       |      |      |              |              | 1             |                |
|             |              | 1    |              |          |        |        |              | <u></u>      |                                                  | <u>L</u>         |                                                  |              |        |           |       |         |      |      | L            |              |               |                |
| Element (X) |              | Σχ'  |              |          | Σχ     |        | X            | , ",         |                                                  | No. Ol           |                                                  |              |        |           |       |         |      |      | h Tempera    |              |               |                |
| Rel. Hum.   |              |      | 8768         |          | 694    |        | 77,2         | 10.2         | 25                                               |                  | 00                                               | = 01         |        | ≤ 32 F    |       | ≥ 67 F  | 27   | 3 F  | ≥ 80 F       | <b>2 93</b>  | F .           | Total          |
| Dry Bulb    |              |      | 4312         |          | 175    |        |              | 14.2         |                                                  |                  | 00                                               | - 11         |        | 74.       |       |         | -    |      |              | <del>_</del> |               | 9              |
| Wet Bulb    |              |      | 6769<br>7905 |          | 162    |        |              | 13.4         |                                                  |                  | 00                                               | 12           |        | 81.       |       |         | ↓    |      | ļ            | <del> </del> |               | 9              |
| Dew Point   |              | 24   | 707          | <u> </u> | 120    | 12     | 13.4         | 7.4.4        | 74                                               | 7                | UD                                               | 18           | • 5    | 87.       | 3     |         | 1    |      | l            | 1            |               | 9              |

USAFETAC FORM 0.26-5 (OL.A) REVISED MEVIOUS EDITIONS OF THIS FURM ARE CINCULTED

| 26102            | F 175    | Y S   | MITH           | NWT         | DOT          | APT           |          |                                                  |              | 57-            | 66           |                                                  |              |              |                                                  |             |              |          | API    |       |
|------------------|----------|-------|----------------|-------------|--------------|---------------|----------|--------------------------------------------------|--------------|----------------|--------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|-------------|--------------|----------|--------|-------|
| STATE N          |          |       | _ <del>-</del> |             | TATION N     |               |          |                                                  |              |                |              |                                                  |              | YE           | ARS                                              |             |              |          | MONTH  |       |
|                  |          |       |                |             |              |               |          |                                                  |              |                |              |                                                  |              |              |                                                  |             | PACE         |          | 0600 - |       |
|                  |          |       |                |             |              |               |          |                                                  |              |                |              |                                                  |              |              |                                                  |             | TOTAL        |          | TOTAL  | 3. 1. |
| Temp.            |          |       |                | ,           | ·            | WET           | BULB     | TEMPE                                            | RATURE       | DEPRE          | SSION (      | F)                                               |              | 1 25 26      | 20 20 20                                         | . 30 • 31   |              | Dev Bulh |        | P     |
| (F)              | <u> </u> | 1 . 2 | 3 - 4          | 5 - 6       | 7 - 8        | 9 - 10        | 11 - 12  |                                                  |              | 17 - 18        | 19 - 20      | 21 - 22                                          | 23 - 24      | 25 - 26      | 27 - 28 29                                       | . 30 € 31   | - 1          | 1        |        |       |
| 62/61            |          |       |                | í           | Ì            | .1            |          | • 1                                              | 4            |                | Í            | 1 1                                              |              |              | 1                                                |             | i            | ī.       |        |       |
| 54/ 53           |          |       |                |             |              | • •           |          | Ĺ                                                | <del> </del> | <del>├</del>   |              | <b>├</b>                                         |              | <del> </del> | <del></del>                                      |             | 11           |          |        |       |
| 52/ 31<br>50/ 49 |          |       |                |             |              |               | .1       | Ì                                                |              |                |              |                                                  |              | i            |                                                  |             | 1            | i        | :      |       |
| 48/ 47           |          |       |                |             | <del> </del> | <del> </del>  |          |                                                  |              | +              |              |                                                  |              | <del> </del> | <del>  -</del>                                   |             | 1            | Y        |        |       |
| 46/ 45           |          |       |                | Ž           |              | i .1          | ł        |                                                  | 1            | 1              | ł            | 1                                                |              | 1            | 1 1                                              |             | 4            | 4        |        |       |
| 44/ 43           | i        |       | .1             |             |              | . 1           |          |                                                  | ļ            | <del> </del> - | <u> </u>     |                                                  |              | -            | <del>    -</del>                                 |             | 6            | 6        |        |       |
| 42/ 41           |          | . 1   |                |             | } .          |               | ļ        |                                                  |              |                | 1            |                                                  |              | ļ            |                                                  |             | 14           | 14       | 1      |       |
| 40/ 39           | ·        | -:3   | - 9            |             |              |               |          |                                                  | ┼~─          | ┼──            | <del> </del> | <del>   </del>                                   |              | +            | <del>                                     </del> |             | 19           | 19       | 6      |       |
| 38/ 37           |          | 1.0   |                | 1.0         |              | 2             | )        | }                                                |              | 1              | }            | ] ]                                              |              | )            |                                                  | j           | 30           | 30       | 14     |       |
| 36/ 35           | . 1      | 3.7   |                |             |              |               |          |                                                  |              | +              |              |                                                  |              | 1            |                                                  |             | 70           | 70       | 35     |       |
| 34/ 33           | .7       | 2.0   |                | (           |              | ı(            | ĺ        |                                                  | (            |                | 1            | ( (                                              |              | 1            | 1 1                                              | 1           | 5 3          | 53       | 64     |       |
| 32/ 31           | 9        | 5.2   | 1.5            | •           | <del> </del> | +             |          | <del>                                     </del> |              | 1              | 1            | 1                                                |              |              |                                                  |             | 73           | 73       | 70     |       |
| 30/ 29           | . 2      |       |                |             |              |               |          | İ                                                |              | 1              |              |                                                  |              |              |                                                  |             | 58           | 58       | 81     |       |
| 28/ 27           | 4        |       | 1.8            | -1          |              | 1             | f        | f                                                |              | 1              |              |                                                  |              | 1            |                                                  |             | 65           | 65       | 61     | -     |
| 26/ 25           | . 8      |       |                | ł           |              | {             | l        | 1                                                | ł            | ł .            |              | 1 1                                              |              | 1            | { _                                              |             | 69           | 69       | 68     |       |
| 24/ 23           | 3        | 3.0   |                |             | <del> </del> | 1             | 1        |                                                  |              |                | <b> </b>     |                                                  |              |              |                                                  |             | 36           | 36       | 54     |       |
| 22/ 21           | . 7      | 2.8   | • 3            | H           | 1            |               |          |                                                  |              | 1              | 1            | ii                                               |              |              | <u>                                  </u>        |             | 34           | 34       | 44     |       |
| 20/ 19           | . 4      |       |                |             | 1            |               | 1        | 1                                                |              |                | 1            | T                                                |              | 7            |                                                  |             | 32           | 37<br>35 | 37     |       |
| 18/ 17           | . 4      |       |                | H           |              |               | 1        |                                                  | }            |                | <u> </u>     |                                                  |              | <u> </u>     | 1                                                |             | 35           |          | 30     |       |
| 167 15           |          | 2.7   |                | 1           |              | T             |          |                                                  |              | T              |              |                                                  |              | 1            | 1                                                |             | 26<br>25     | 26<br>25 | 36     |       |
| 14/ 13           | 1.0      | 1.6   |                | 1           |              | 1             | ĺ        | İ                                                | <u> </u>     |                | 1            | 1                                                |              | $\perp$      | <b></b>                                          |             | 27           | 27       | 23     | _     |
| 12/ 11           | 1.2      |       |                |             |              |               |          |                                                  | 1            |                | 1            | 1 1                                              |              | }            | 1 1                                              | }           | 27           | 27       | 27     |       |
| 10/ 9            | 1.0      | -     | X _            | Ĺ           |              |               |          |                                                  |              |                | \            | 1                                                |              |              | <del> </del>                                     |             | 23           | 23       | 24     |       |
| 87 7             | . 4      |       | 1              | ì           |              |               |          |                                                  | -            | 1              | i            |                                                  |              |              | 1 [                                              | (           | 26           | 26       | 29     |       |
| 6/ 5             |          | 1.7   |                | ,           | <u> </u>     | · L           | <u> </u> | L                                                |              |                |              | ļ                                                |              | +            | +-+                                              |             | 31           | 31       | 33     |       |
| 4/ 3             | 2.1      |       | 7              | 1           |              |               |          | ļ                                                |              | 1              | 1            |                                                  |              | 1            |                                                  | ĺ           | 22           |          | 23     |       |
| 2/ 1             | 1.2      | 1.2   |                | ·           | ·            | <u> </u>      | <b></b>  | <b></b>                                          |              | +              | <del> </del> | <del> </del>                                     |              |              | +                                                |             | 17           | 17       |        |       |
| 77 -1            | 1.1      | •     |                | 1           |              |               | 1        |                                                  | 1            |                | 1            | 1                                                |              | 1            | 1                                                |             | 16           |          | 17     |       |
| -2/ -3           | 1.04     |       | J              |             | .            | ·             | 1        | -                                                | <del> </del> | +              | <del></del>  | <del> </del>                                     |              | +            | <del>  -</del>                                   |             | 15           | 15       | 15     | _     |
| -47 -5           | 1.1      | :     |                | 1           |              |               |          |                                                  |              |                | 1            |                                                  |              |              |                                                  |             | 9            | 9        | 10     |       |
| -6/ -7           | . 8      |       |                | ļ           | <del></del>  | +             | 1        | <del> </del>                                     |              | 4-             | <del></del>  |                                                  |              | <del></del>  | <del></del>                                      |             | 10           |          | - 9    |       |
| -8/ -9<br>10/-11 | . 6      |       | 7              |             |              | 1             | }        | }                                                | 1            | }              |              |                                                  |              | -            |                                                  |             | 4            | 4        | 6      |       |
|                  | • •      |       | <u> </u>       |             | +            | <del></del> _ | ــــــ   | <del>  _</del>                                   | <del></del>  | No. O          |              | لې                                               |              |              | Mean No                                          | of Hours w  | ith Temperat | ture     |        | _     |
| Element (X)      |          | ΣX    |                | <del></del> | Zχ           | -+            | <u> </u> | \ <b>-</b>                                       | <u> </u>     | 140. 0         |              | ± 0                                              | F            | ≤ 32 F       | > 67 F                                           |             | ≥ 80 F       | 93 ا     | F T    | otal  |
| Rel. Hum.        |          |       |                |             |              |               |          | +                                                |              |                |              |                                                  | <del>`</del> | - 32 1       | 1                                                | +           | -            | -        |        |       |
| Dry Bulb         |          |       |                | }           |              |               |          | +                                                |              |                |              | <del>                                     </del> | - +-         |              | <del> </del>                                     | <del></del> | <del></del>  | -        |        |       |
| Wet Bulb         | l        |       |                | 1           |              |               |          |                                                  |              |                |              | <u> </u>                                         |              |              | +                                                | +           | +            | +-       | -+     |       |

USAFETAC FORM 0.26-5 (OL A)

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NWT DOT APT

490642

359125

#### **PSYCHROMETRIC SUMMARY**

APR MON ! H

90

90

0600-0800 Temp. (F) (F) -12/-13 -14/-15 -16/-17 -18/-19: -20/-21 5 -22/-23 5 -24/-25 6 -34/-35 20.056.716.8 4.1 1.3 900 700 900 900 67616 18933 75.111.062 No. Obs. 900 3189932 Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 577801 21.014.131 900 9.0 69.9 90 Dry Bulb

900

900

9.5 77.8

87.0

18.0

19.313.151

14.114.112

12731

57-66

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE 0.26 5 (OL A) FORM

Wer Buib

Dew Point

| 261u2    |     | FIIST | \$ : | 4 J T 14 | HET   | DOT     | APT    |        |        |       |      | 57-     | 66           |        |           |             |             |         |         |              |      |      | 1        | APR                          |
|----------|-----|-------|------|----------|-------|---------|--------|--------|--------|-------|------|---------|--------------|--------|-----------|-------------|-------------|---------|---------|--------------|------|------|----------|------------------------------|
| i stat s |     |       |      |          | 5.    | ATION N | AME    |        |        |       |      |         |              |        |           |             | YE ARS      |         |         | PAC          | £    | 1    | 0900     | онтн<br>D=1100<br>TL. s. t.: |
| Temp     |     |       | _    |          |       |         | WET    | BULB   | TEMP   | ERAT  | URE  | DEPRE   | SSION        | (F)    | -         |             |             |         |         | TOTAL        | ī    |      | TOTAL    |                              |
| (F)      | . 0 | 1 -   | 2    | 3 - 4    | 5 - 6 | 7 - 8   | 9 - 10 | 11 - 1 | 2 13 - | 14 15 | - 16 | 17 - 18 | 19 - 20      | 0   21 | . 22 23 - | 24 25 -     | 26 27 -     | 28 29 - | 30 2 31 | D.B. W.B     | Dry  | Bulb | Wet Bull | Dew Poin                     |
| 70/ 6    | 9   |       | •    |          |       |         |        | 1      | 7      |       |      | . 1     |              | • -    |           |             |             |         |         | 1            | Ţ    | 1    |          |                              |
| 68/ 6    | 7   |       |      |          |       |         | İ      | 1      | i      |       | - :  | • 1     | i            |        | ;         |             | i           |         | i       | 1            | l    | 1    |          | i                            |
| 62/6     | ì   | •     |      |          |       |         | -      |        |        | . 1   | •1   |         | T            |        |           |             | <del></del> |         |         | 7            | 7    | 2    |          | +                            |
| 60/ 5    | 9   |       |      |          | i     |         | -      | ĺ      |        | 1     |      |         |              | 1      | 1         | - 1         | i           | ł       | ľ       | 1            | li i | 1    |          |                              |
| 58/ 5    | 7   |       |      |          |       |         | . 1    |        | +      | _ + . | -1   |         | †            |        |           | -+-         |             |         |         | <del></del>  | -    | 2    |          | +                            |
| 56/ 5    | 5   |       |      |          | ļ     |         | . 2    |        | 1.     | . 1   |      |         | İ            | ļ      |           |             | !           |         | 1       | . 4          | •    | 4    |          |                              |
| 54/ 5    | 3   | - · - | ٠    |          |       |         | . 4    | -      | 2      | . 1   | +-   |         | <del> </del> | +-     |           | +           |             |         |         | <del>-</del> |      | •    |          | •                            |
| 52/ 5    | 1   |       |      | '        | i     | . 2     | 1 .1   |        | ì      |       | - 1  |         | ĺ            | 1      | 1         |             | ļ           |         |         | 4            |      | 4    |          | <b>)</b>                     |
| 507 T    | 9   |       | +-   |          |       | . 3     | . 1    |        | 2      |       |      |         |              | +      |           | _           |             | _       |         | - 6          | 1    | 6    |          | <del> </del>                 |
| 48/ 4    |     |       |      | j        | . 1   | 1.0     | .4     | •      | -      | ĺ     | ;    |         |              |        | - 1       |             | - 1         |         |         | 14           |      | 14   | . :      | i                            |
| 467 4    |     |       |      | -        | . 3   | -       | .4     |        |        |       | -    |         |              | +      |           | <del></del> | <del></del> | +       |         | 1 17         | -    | 17   |          | <u>:</u>                     |
| 44/ 4    |     |       | . 1. | . 3      |       |         |        | Î      |        | [     | 1    |         |              | 1      | - 1       |             | 1           | 1       |         | 39           |      | 39   | ŗ        | 4                            |
| 42/ 4    | -   |       | . i  | 1.7      | 2.2   | 1.7     |        |        |        |       |      |         | <b>├</b> ─   |        | +         |             | +           |         |         | 51           | l.   | K 1  |          |                              |

| 467 45           |     |     |     | . 3 | 1.1 | . 4 | <br>[ |   | 1  |     |   |   |    |     |     | 17   | 17  | 4        |     |     |
|------------------|-----|-----|-----|-----|-----|-----|-------|---|----|-----|---|---|----|-----|-----|------|-----|----------|-----|-----|
| 4/ 43            |     | • 1 | . 3 | 2.0 | 1.6 | . 3 |       |   |    |     |   |   |    |     |     | 39   | 39  |          |     | ١   |
| 7/ 41            |     | • 1 |     | 2.2 |     |     |       | i |    |     |   |   |    |     |     | 51   | × 1 | 15       |     |     |
| 0/ 39            |     |     | 1.8 |     |     |     | <br>· |   | i_ | ł   |   | ! |    |     |     | 54   | 54  |          | 3   | .   |
| 8/ 37            | 1   | 1.3 |     |     | . 2 |     |       | 1 |    |     | T |   |    |     |     | 62   | 62  |          |     | Ē   |
| 6/ 35            |     |     | 4.2 |     | į   |     | ļ     |   |    |     |   |   | 1  | ! i | j   | 63   | 63  |          | 17  | ۱ ۱ |
| 14/ 33           | • 1 |     | 3.0 |     |     |     | <br>: | 1 |    |     |   |   |    |     |     | 58   | 58  | 86       | 28  | ,   |
| 32/ 31           |     | 2.7 |     |     |     |     | ì     |   |    |     |   |   |    | 1   | i   | 64   | 64  | 90       | 47  | ١.  |
| 0/ 29            |     | 2.0 |     |     |     | · i | <br>  |   |    | i - |   |   |    |     |     | 56   | 56  | 62       | 74  | П   |
| 28/ 27           |     | 3.0 |     |     |     |     | İ     | i |    | 1   |   |   | 1  |     |     | 55   | 55  | 63       | 87  |     |
| 6/ 25            | • 1 | 2.0 |     | . 2 | 1   |     | i -   |   |    |     |   |   |    |     |     | 37   | 37  | 54       | 69  | П   |
| 4/ 23            |     | 2.1 |     |     | j   | 1   |       | } | ]  |     | j | 1 | j  |     |     | 32   | 32  | 43       | 63  |     |
| 2/ 21            |     |     |     |     |     |     |       |   |    |     |   |   |    |     |     | 24   | 24  | 31       | 74  | , 1 |
| 0/ 19            |     |     |     |     | 1   |     |       |   | !  | Ì   |   |   |    |     |     | 30   | 30  | 33       | 74  | ,   |
| 87 j7            | • 1 |     |     |     | 1   |     | <br>i |   |    | T   |   |   |    | 1   |     | 22   | 22  | 29       | 38  | Ţ   |
| 6/ 15            |     |     | . 6 |     |     | 3   |       | ļ |    |     | ļ | l | į, |     | 1   | 28   | 28  | 26       | 36  |     |
| 4/ 13            | . 4 |     | • 1 |     | 1   |     |       |   |    |     |   |   |    |     |     | 29   | 29  | 32       | 27  | П   |
| .2/ 11           | • 1 | 3.1 | . 3 |     | Ì   |     | 1     |   |    | 1   |   |   |    | l   |     | 32   | 32  | 29       | 24  |     |
| 0/ 9             |     |     |     |     |     |     |       |   |    |     | 1 |   | 1  |     |     | 31   | 31  | 37       | 32  | Π   |
| 8/ 7             | • 4 | 2.3 | • 2 | }   | i   |     |       |   | 1  |     |   | ł | }  | ! ! |     | 27   | 27  | 29       | 32  | :   |
| <del>5</del> 7 5 |     | 1.5 | · i | 1   |     |     | <br>i |   |    |     | 1 |   |    |     |     | 14   | 14  | 22       | 28  | d   |
| 4/ 3             | . 3 | . 9 |     |     | 1   |     |       |   |    |     |   |   | ì  |     |     | 11   | 11  | 1.2      | 2 4 |     |
| 77 T             | . 3 | . 4 |     | ;   |     |     |       |   |    |     |   |   |    |     |     | 7    | 7   | 15       | 22  | , 7 |
| 0/ -1            | . 1 | 2   | - 1 |     | - 1 |     | 1     | ł | ł  | 1   | i | į | 1  |     | - 1 | اوسا |     | <b>2</b> | 2 6 |     |

| 8/ 7        | . 4 | 2 . 3 | . 2 | }  |   |   | 1 | 1        |       | - }    |            |           | 27          | 27     | 29       | 32   |
|-------------|-----|-------|-----|----|---|---|---|----------|-------|--------|------------|-----------|-------------|--------|----------|------|
| 67 5        | 1.7 | . 6   |     |    | 1 |   |   |          |       |        |            |           | 14          | 14     | 22       | 28   |
| 4/ 3        | . 3 | . 9   | ļ   |    | 1 |   |   |          |       | İ      |            |           | 11          | 11     | 12       | 26   |
| 77 T        | - 3 | . 4   |     |    |   |   | 1 |          |       |        |            |           | 7           | 7      | 15       | 22   |
| 0/ -1       | . 3 | . 2   |     | İ  |   | 1 |   | 1 1      | 1 1   | Ì      |            |           | 5           | 5      | 5        | 22   |
| Element (X) | Σ,  | (,    |     | Σχ | X | • |   | No. Obs. |       |        | Mean No. o | Hours wit | h Temperatu | re     |          |      |
| Rel. Hum.   |     |       | T I |    |   |   |   |          | ± 0 F | ≤ 32 F | ≥ 67 F     | ≥ 73 F    | ≥ 80 F      | ≥ 93 F | To       | otal |
| Dry Bulb    |     |       |     |    |   |   |   |          |       |        |            |           |             |        |          |      |
| Wet Bulb    |     |       |     |    |   |   |   |          |       |        |            |           |             |        |          |      |
| Dew Point   |     |       |     |    |   |   |   |          |       | 1      |            |           | r           | 1      | <b>-</b> |      |

USAFETAC FORM 0-26-5 (Ol. A)

DATA PROCESSING DIVISION USAF ETAC AIR REATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102              | FORT        | SHIT    | H NWT | OUT                                              | APT          | •                                                |              |              | 57-          | 66                                               |              |        |         |              |             |              |              | ΔP                                               | PR   |
|--------------------|-------------|---------|-------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------------------------------------------|--------------|--------|---------|--------------|-------------|--------------|--------------|--------------------------------------------------|------|
| STATION            |             |         | 5     | TATION N                                         | AME          |                                                  |              |              |              |                                                  |              |        | YEA     | ARS          |             | PAG          |              | MON                                              |      |
|                    |             |         |       |                                                  |              |                                                  |              |              |              |                                                  |              |        |         |              |             | PAG          | E 4          | 0900-                                            |      |
| Temp.              |             | •       |       |                                                  |              |                                                  |              |              | DEPRE        |                                                  |              |        |         |              |             | TOTAL        |              | TOTAL                                            |      |
| (F)                | 0 1 -       | 2 3 - 4 | 5 - 6 | 7 - 8                                            | 9 - 10       | 11 - 12                                          | 13 - 14      | 15 - 16      | 17 - 18      | 19 - 20                                          | 21 - 22 2    | 3 - 24 | 25 - 26 | 27 - 28 29   | - 30 ≥ 31   | D.B. W.B.    | Dry Bulb     | Wet Bulb [                                       |      |
| -77 -3             | . 2         | • 1:    |       | į                                                |              | i                                                |              | ì            | 1            | ĺ                                                |              |        | İ       | - 1          |             | 3            | 3            | 3                                                | 7    |
| -4/ -5             | . 3         |         |       |                                                  |              |                                                  |              |              | l            | L                                                |              |        |         |              |             | 3            | 3            | 41                                               | 1    |
| -6/ -7             | "• I        |         |       |                                                  |              | :                                                |              |              |              | }                                                |              |        | ĺ       | ł            |             | 1            | 1            | 1                                                | 1    |
| -8/ -9             |             |         |       | <u>.                                    </u>     |              |                                                  | ļ            |              | <u> </u>     |                                                  |              |        |         |              |             |              |              |                                                  |      |
| -10/-11<br>-12/-13 | • 1,        |         | 1     | }                                                |              | i .                                              |              | ļ            |              | }                                                |              |        |         | 1            |             | 1            | 1            | l.                                               |      |
| -14/-15<br>-14/-15 |             |         | 1     | ļ                                                |              | ļ                                                | ļ            | <u> </u>     | ļ            |                                                  |              |        |         |              |             |              |              |                                                  |      |
| -16/-17            | . 1         | i       |       | ļ                                                |              | Ì                                                |              | 1            |              |                                                  |              |        | İ       | ļ            |             | 1 1          | 1            | 1                                                |      |
| -18/-19            |             |         | +     | Ļ                                                |              | <del>                                     </del> |              | i —          | <b>├</b> ──  |                                                  | <b>i</b>     |        |         |              |             |              | <u> </u>     | 11                                               |      |
| -20/-21            | :           | 1       |       | 1                                                |              | i                                                | 1            |              |              | İ                                                |              |        |         | 1            |             |              |              |                                                  |      |
| -24/-25            | <del></del> | -       | +     |                                                  | -            | <del>                                     </del> | <del> </del> | <del> </del> | ļ            | <del>                                     </del> | -            |        |         | -            |             | 1            |              | <del> </del>                                     |      |
| TOTAL              | 5.740       | . 330 - | 912.8 | 6.6                                              | 2.3          | . 7                                              | .4           | . 2          | . z          |                                                  | }            | ì      |         | ļ            |             |              | 900          | 1 !                                              | 90   |
|                    |             | 77-00   |       |                                                  |              |                                                  | +            |              |              |                                                  | <del> </del> |        |         |              |             | 900          |              | 900                                              |      |
|                    |             | '       |       | Ì                                                | 1            |                                                  |              |              | 1            | i                                                |              |        |         |              |             |              |              |                                                  |      |
|                    |             |         | +     | <del>                                     </del> |              | <del> </del>                                     |              | ł            |              | <del></del>                                      | :=           |        |         | +            | -           | <del></del>  |              | <del>                                     </del> |      |
|                    |             |         |       |                                                  |              | }                                                |              | ļ            | 1            | Í                                                | [ [          | ĺ      | i       | į            | i           |              |              | i i                                              |      |
| -                  | •           | ÷ ·     | ·     | †                                                |              |                                                  | <del>}</del> |              |              |                                                  | -            |        |         |              |             | 1            |              | <del> </del>                                     |      |
|                    |             | !       |       |                                                  |              |                                                  |              | 1            | 1            | İ                                                |              |        | 1       | ·<br>1       |             | i            |              | l i                                              |      |
| •                  | •           |         | : " * | ļ                                                | †· · —       |                                                  |              |              | +            | <del></del>                                      |              | +      | 1       | <del> </del> |             |              |              | <del></del>                                      |      |
|                    |             |         | į     | i                                                |              | 1                                                |              | İ            |              | i                                                |              |        | - 1     |              | i           | 1            |              | İ                                                |      |
| •                  | •           |         | i     | :                                                | İ            |                                                  | 1            | i            | +            | $\vdash$                                         |              |        |         |              | 1 -         | -            |              | 1                                                |      |
|                    |             |         | i     | i                                                | ļ            | i                                                |              | 1            | 1            |                                                  | l i          |        |         | į            |             |              |              | l i                                              |      |
| •                  | •           |         | :     |                                                  |              | 1                                                |              |              | T            |                                                  |              |        |         |              |             |              |              |                                                  |      |
|                    |             |         |       | ;                                                | 1            |                                                  |              |              |              |                                                  |              | 1      |         |              |             |              |              | l i                                              |      |
|                    | •           | •       |       |                                                  |              |                                                  | 1            |              |              | 1                                                |              |        |         |              |             |              |              |                                                  |      |
|                    |             |         |       |                                                  | 1            | i                                                |              |              |              |                                                  |              |        |         |              |             |              |              | L i                                              |      |
|                    |             |         |       |                                                  | i            |                                                  |              |              |              |                                                  |              |        |         |              |             |              |              |                                                  |      |
| :                  |             |         | i     | i                                                | 1            | 1                                                | <u> </u>     | L            | L            |                                                  | <u> </u>     |        |         |              |             |              |              | L i.                                             |      |
|                    |             |         | 1     |                                                  |              |                                                  |              |              | İ            |                                                  |              |        |         |              |             |              |              |                                                  |      |
|                    |             |         | 1     | <u></u>                                          | <del> </del> | 1                                                | <u> </u>     | !            | <b></b>      |                                                  | ļ            |        |         |              |             |              |              | <b>.</b>                                         |      |
|                    |             |         | 1     | !                                                |              | 1                                                | ļ            |              | 1            | 1                                                |              |        |         |              |             |              |              |                                                  |      |
| - :                |             |         |       | i                                                |              | <b></b>                                          | .i           |              | <del> </del> | L                                                |              |        |         |              | _           | -            |              | ļ                                                |      |
| į                  | 1           |         | İ     | į                                                |              |                                                  | 1            |              |              |                                                  |              |        |         |              |             |              |              |                                                  |      |
| Element (X)        | Σχ'         |         | +     | Σχ                                               | L            | X                                                | 0,           | 1            | No. Ot       | <u> </u>                                         | 1            |        |         | Mean No      | of House :: | ith Temperat |              |                                                  |      |
| Rel. Hum.          |             | 98798   | 1     | <del>~ 3</del> 9 5                               | 35           | 66.2                                             | 12.9         |              |              | 00                                               | ± 0 F        | T -    | 32 F    | ≈ 67 F       | ≥ 73 F      | > 80 F       | 2 93 1       |                                                  | otal |
| Dry Bulb           |             | 67677   |       | 253                                              |              | 28.4                                             | 12,          | 79           |              | 00                                               | Ţ,           |        | 51.4    | • 67.        |             |              | 73 !         |                                                  | 9    |
| Wer Bulb           |             | 68058   |       | 226                                              |              | 25.1                                             | 11.1         | 75           | 9            | OO                                               |              |        | 63.0    |              |             |              | <del> </del> |                                                  | 9    |
| Dew Point          |             | 41727   |       | 161                                              |              |                                                  | 11.8         |              | - 9          | 00                                               | 9.           |        | 85.1    |              | †           | +            | +            |                                                  | 9    |

USAFETAC NOTA 0.26 5 (QL.A) RENDEUMINING EDITORS C

DATA PROCESSING DIVISION USAF ETAC AIR SEATCER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 261 )2 | PORT SMITH NWT DOT APT | 57-66 |        | ΔPR            |
|--------|------------------------|-------|--------|----------------|
|        | STATION NAME           | YEARS |        | MGNTH          |
|        |                        |       | PAGE 1 | 1200-1400      |
|        |                        |       |        | HOURS L. S. T. |
|        |                        |       |        |                |

| Temp.           |       |              |       |       |          |          |            |                |              | DEPRE        |         |         |         |                                                  |               |         |                | TOTAL       |            | TOTAL        |                |
|-----------------|-------|--------------|-------|-------|----------|----------|------------|----------------|--------------|--------------|---------|---------|---------|--------------------------------------------------|---------------|---------|----------------|-------------|------------|--------------|----------------|
| (F)             | 0     | 1 . 2        | 3 · 4 | 5 - 6 | 7 - 8    | 9 - 10   | 11 - 12    | 13 - 14        | 15 - 16      | 17 - 18      | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26                                          | 27 - 28       | 29 - 30 | ≥ 31           | D.B. W.B.   | Dry Bulb   | Wet Bulb     | Dew P          |
| 74/ 73          |       |              |       |       |          |          |            | İ              |              | i            | • 1     | -       |         | Ī                                                | T             |         |                | i I         | ī          |              | •              |
| 72/ 71          |       |              |       |       | l<br>i   | i<br>I   | }          | ĺ              |              | ł            | • 2     |         |         |                                                  |               |         |                | 2           | 2          | ļi.          |                |
| 567 65          | •     | •            |       |       | 1        | 1        | i          | Ī              |              | 2            |         |         |         |                                                  |               |         |                | 7           |            | 1            | •              |
| 64/ 63          |       |              |       |       | L        | :        | į<br>į     |                | . 1          | 1            |         |         |         |                                                  |               |         |                | 1           | 1          | j            |                |
| 50/ 59          |       | ·            |       |       | !        | •        | i          |                |              | .3           |         | -       |         |                                                  | †             |         |                | 8           | Ü          | <del> </del> | ·              |
| 58/ 57          |       |              |       |       | c        | . 2      | . 3        | ı              |              |              |         |         |         |                                                  |               |         | ŀ              | 5           | 5          | i            |                |
| 56/ 55          |       |              |       |       | :        | . 6      | . 3        | • 2            | ļ- — ·-      | <u> </u>     |         |         |         | :                                                |               |         | <u> </u>       | 10          | 10         | 1            | •              |
| 54/ <b>5</b> 3- |       |              |       |       | . 1      | .6       | .7         | . 1            |              |              |         |         |         |                                                  |               |         |                | 13          | 13         | 3            |                |
| 52/ 51          |       |              |       |       | . 2      |          | . 2        |                |              | <b>†</b> -   |         |         |         | <del>                                     </del> | tt            |         |                | 11          | 11         |              | <del> </del> - |
| 50/ 49          |       |              |       | . 8   | 1.2      |          | - 1        | ,              | ,            | 1            |         |         |         |                                                  |               |         | ĺ              | 24          | 24         |              | i              |
| 48/ 47          | •     | <del></del>  |       | . 5   | 1.6      | . 9      |            |                | <del> </del> |              |         |         |         | <del>                                     </del> | <del>  </del> |         |                | 30          | 30         |              |                |
| 46/ 45          |       |              | . 4   | 1.3   | 3.6      |          |            | 1              | 1            |              |         |         |         | 1                                                |               |         | 1              | 55          | 55         |              | i<br>i         |
| 44/ 43          |       | . 2          | -1    | 2.7   | 3.1      | . 8      | l .        | <del> </del> - |              | <del> </del> |         |         |         | <del> </del>                                     | +             |         | <del> </del> - | 62          | 62         |              |                |
| 42/ 41          | ŀ     | . 4          | 9     | 2.9   |          |          |            | i<br>I         |              |              |         |         |         |                                                  |               |         |                | 71          | 71         |              |                |
| 0/ 39           |       | . 8          | 1.4   | T.8   |          | • 1      | l .        |                | ·            |              |         | -       |         | -                                                | ++            | -       |                | 52          | 32         |              |                |
| 38/ 37          |       | . 9          | 1.3   | 3.0   | . 7      |          | 1          |                |              |              |         | 1       |         | l                                                | 1             |         |                | 53          | 53         | 1            |                |
| 36/ 35          | . 1   | 1.4          | 3.3   | 1.8   |          | <u> </u> |            |                | <del> </del> |              |         |         |         |                                                  | + +           |         |                | 60          | 60         |              |                |
| 34/ 33          |       | 1.2          | 3.2   | 1.6   |          | !        |            |                |              |              |         | l       |         |                                                  |               |         |                | 56          | 56         |              |                |
| 32/ 31          | . 7   | 1.9          | 7.5   | . 8   |          | ·        |            | -              |              |              |         |         |         |                                                  | -             |         |                | 48          | 48         | 1            |                |
| 30/ 29          | * 4   | 1.6          | 1.4   | . 3   |          | i        |            | İ              |              |              |         |         |         | ļ                                                |               |         |                | 30          | 30         |              | (              |
| 28/ 27          | اد.   | 2.0          | 1.9   |       |          |          |            | -              |              |              |         |         |         | i                                                | 1             |         |                | 41          | 41         |              | - 1            |
| 26/ 25          |       | 1.8          | 2.3   | . 2   |          |          |            |                | ļ            |              |         | 1       |         |                                                  |               |         |                | 39          | 39         |              | 7              |
| 24/ 23          | . 7   | 7.6          | 1 . 3 | 1     |          |          |            |                |              |              |         |         |         |                                                  |               |         | -              | 37          | 37         |              | 1              |
| 22/ 21          | . 2   | 1.1          | 1.2   | ••    | ļ        |          |            |                |              | ŀ            |         |         |         |                                                  |               |         |                | 23          | 23         |              | •              |
| 20/ 19:         | Ž     | 7.3          | 7.7   |       |          |          | ļ <i>-</i> | ļ- <b></b> -   | ļ            | <u> </u>     |         |         |         |                                                  |               |         |                | 37          | 37         |              |                |
| 18/ 17          | . 1   | 3.4          | 1.4   |       | į        | !        |            |                |              | Į.           |         |         |         | 1                                                |               |         | ļ              | 27          | 27         |              |                |
| 10/ 15          | - : 1 | 2.0          | 3     |       |          | <u> </u> | <u> </u>   | -              | <del></del>  | !            |         |         |         |                                                  |               |         |                | 22          |            |              |                |
| 14/ 13:         | . 4   | 2.0          | .7    |       | i        | I        | 1          |                |              |              |         |         |         |                                                  |               |         |                | 29          | Z 2<br>2 9 |              |                |
| 27 11           |       | 1.6          | - 3   |       |          | ļ        | ļ          | <u> </u>       | <del> </del> | ļ            |         |         |         |                                                  | <b> </b>      |         | <br>           |             |            |              |                |
|                 | • 2   | 1.0          | .1    |       |          | į.       | 1          | }              |              |              |         |         |         | 1                                                |               |         |                | 19          | 19         |              |                |
| 10/ 9<br>8/ 7   | . 6   | 1.0          |       |       | L        | <u> </u> |            |                | -            |              |         |         |         | <u> </u>                                         | <u> </u>      |         |                | 15          | 15         |              |                |
|                 | . 2   |              |       |       |          | i<br>I   | į .        | ĺ              |              |              |         |         |         | 1                                                |               |         |                | 7           | 7          | 12           |                |
| 6/ 5            | - 1   | _ • <u>1</u> |       |       |          | <b>_</b> | L          | Ļ              |              |              |         |         |         | ļ                                                | <u> </u>      |         |                | 7           |            | •            |                |
| 4/ 3            | . I   | • 1          |       |       |          | į        | İ          | !              | 1            |              |         |         |         |                                                  | 1             |         |                | 2           | 2          | 2            |                |
| 2/ 1            |       |              |       |       | <u> </u> | <u> </u> | L          |                | <u> </u>     | 1            |         |         |         |                                                  | <u>i i</u>    |         |                | Z           | 2          | 3            |                |
| lement (X)      |       | Σχ'          |       |       | Z X      |          | X          | · · · ·        |              | No. Ob       | •       |         |         |                                                  |               |         |                | h Temperatu | +          | _ ,          |                |
| el. Hum.        |       |              |       |       |          |          |            | ļ              | - 4          |              |         | ± 0 F   | ·   ·   | 32 F                                             | ≥ 67 1        | F &     | 73 F           | ≥ 80 F      | - 93       | F .          | Total          |
| ry Bulb         | _     |              |       |       |          |          |            | <b>!</b>       |              |              |         |         | $\bot$  |                                                  | <u></u>       |         |                |             | L          |              |                |
| Ver Bulb        |       |              |       |       |          |          |            |                |              |              | I       |         |         |                                                  |               |         |                | I           |            |              |                |
| Dew Point       |       |              |       | ;     |          | 1        |            |                |              |              |         |         |         |                                                  |               | T       |                | i           |            |              |                |

USAFETAC FORM 0.26-5 (OL.A) BENERO MENOUS BRITONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

FORT SMITH NWT DOT APT

# **PSYCHROMETRIC SUMMARY**

APR

| STATON       |                                       | STATION NAME           |                       |                  |                |                                                  | YE            | ARS          |             |              |                                                  | MONT            | н    |
|--------------|---------------------------------------|------------------------|-----------------------|------------------|----------------|--------------------------------------------------|---------------|--------------|-------------|--------------|--------------------------------------------------|-----------------|------|
|              |                                       |                        |                       |                  |                |                                                  |               |              |             | PAG          | £ 2                                              | 1200-           |      |
|              |                                       |                        |                       | D. 21105 1       | 25005551011    | ·F1                                              |               |              |             | T===++       | Γ                                                |                 |      |
| Temp.<br>(F) | 0 1 2 3 4                             | WE                     | T BULB TEMPE          | RATURE           | PEPRESSION     | (F)                                              |               |              |             | TOTAL        |                                                  | TOTAL           | _    |
|              | 0 1.2 3.4                             | 5 - 6 . 7 - 8 . 9 - 10 | 1   11 - 12   13 - 14 | 15 - 16          | 7 - 18 19 - 20 | 21 - 22 23 -                                     | 24 25 - 26    | 27 - 28 29 - | 30 2 31     | U.B. W.B.    | Dry Bulb                                         | Wet Bulb D      | )e v |
| 0/ -1        | • 1                                   | 1                      |                       | 1                | ļ              |                                                  | - 1           |              |             | 1            | 1                                                | _               |      |
| -2/ -3       |                                       | i                      |                       | 1 L              |                | l i _                                            |               | .            |             |              | 1_                                               | 1               |      |
| -4/ -5       | T                                     |                        | T                     | T !              | 1              | 1                                                |               | -            |             | 1            | 1                                                |                 |      |
| -6/ -7       | • 1                                   |                        | 1                     | 1                | İ              | 1                                                |               |              | 1           | 1            | . 1                                              | 1               |      |
| -8/ -9       |                                       |                        |                       | - <del></del>  - |                |                                                  |               |              |             |              | †                                                | ·· <b>I</b> +   |      |
| -10/-11      | •1                                    | i !                    | į                     | 1 1              |                |                                                  | - [           | 1            | 1           | 1            | . 1                                              | 1               |      |
| 12/-13       |                                       |                        | ·                     | - <del> </del>   | <del>-</del>   | <del> </del>                                     | <del></del>   |              |             | <del> </del> |                                                  | · <del></del> - | _    |
| -18/-19      | į                                     |                        | 1                     |                  | 1              |                                                  |               | 1            |             |              |                                                  |                 |      |
| TUTAL        | 3.727.126.11                          | 8.415.3 5.             | 7 1.8                 | 1 . 1            | .0 .           | <b></b>                                          | $\rightarrow$ |              |             | +            | 900                                              | <del> </del> +  | -    |
|              | 24121242017                           | 7.7.7.7                | 1 1 1                 | 1                | • •            | 1                                                |               |              | i           | 900          |                                                  | 900             |      |
|              |                                       | <del>_</del>           |                       | -ll-             |                |                                                  |               |              |             | 700          | <b>'</b>                                         | 700             | _    |
|              | ;                                     | 1                      | + 1                   |                  | i              | 1 1                                              |               |              | 1           |              |                                                  |                 |      |
|              |                                       |                        |                       |                  |                |                                                  |               |              |             | L            | <u> </u>                                         | i İ             |      |
| -            |                                       |                        | 1 -1                  | i T              |                |                                                  | $\Box$        |              | [           |              | 1                                                | : <del>-</del>  |      |
|              |                                       |                        | 1 1                   |                  |                |                                                  |               | į.           | ļ           | 1            | 1                                                | : :             |      |
| ~            |                                       |                        |                       | 1                |                | 1                                                |               |              |             | 1            |                                                  |                 |      |
|              |                                       |                        | 1 1                   |                  |                |                                                  |               | 1            |             |              | 1                                                |                 |      |
|              | · · · · · · · · · · · · · · · · · · · |                        | +                     | +                |                |                                                  |               |              | <del></del> | <del> </del> | <del></del>                                      |                 |      |
|              |                                       | l l                    |                       |                  | 1              | 1 1                                              |               |              |             |              | İ                                                | i l             |      |
| · ·          | <del></del>                           |                        | <del></del>           | +                |                | <del> </del>                                     |               |              |             |              | <del></del>                                      |                 |      |
|              |                                       |                        | 1                     |                  | Į.             |                                                  |               |              |             |              |                                                  |                 |      |
|              |                                       |                        |                       | 1                |                | 1                                                |               |              |             | <u> </u>     | <del> </del>                                     |                 |      |
|              | i                                     | 1 1                    | 1 1                   | 1 1              | 1              | 1 1                                              | 1 1           |              |             | 1            | J                                                |                 |      |
|              |                                       |                        |                       | 1                |                | L                                                |               |              |             |              | <u> </u>                                         |                 | _    |
|              |                                       |                        |                       | 1                | i              | 1 1                                              |               |              |             | ì            |                                                  |                 |      |
|              |                                       | i                      | 1 1                   |                  | i              | 1 1                                              | i             |              | 1           |              |                                                  |                 |      |
|              |                                       | 1 1                    |                       |                  |                | T                                                |               |              |             | T            |                                                  |                 | _    |
| i            |                                       |                        |                       |                  | 1              | 1                                                |               |              |             | ĺ            |                                                  |                 |      |
|              |                                       |                        | ·                     | + +              |                | 1                                                |               |              |             | <b>†</b>     |                                                  |                 | _    |
| ·            |                                       |                        | 1 1                   |                  | 1              | 1 1                                              |               |              |             | ]            |                                                  |                 |      |
|              |                                       |                        | +                     | +                | +              | +                                                | +             |              |             | <del> </del> | <del> </del>                                     | <del></del>     | _    |
|              |                                       |                        |                       | 1 1              | 1              | 1                                                |               |              |             | 1            | I                                                |                 |      |
| ····         | · - + · · ·                           |                        | -+                    | ++               | <del></del>    | <del>                                     </del> |               |              | <del></del> | +            | <del> </del>                                     | <b>├</b>        |      |
| 1            |                                       | 1                      | 1 1                   | 1 1              | 1              | 1 1                                              |               | - 1          | - 1         | 1            | 1                                                | 1               |      |
|              |                                       |                        | <del></del>           | 1                |                | $\leftarrow \downarrow \sim$                     |               |              |             | <u> </u>     | <u> </u>                                         |                 |      |
|              |                                       |                        |                       | 1 1              |                | 1 1                                              |               | 1            |             |              | 1                                                |                 |      |
|              |                                       |                        |                       |                  |                |                                                  |               |              |             | <u></u>      | L                                                |                 |      |
| Element (X)  | Σχ'                                   | ZX                     | X .                   |                  | No. Obs.       |                                                  |               | Mean No. c   | f Hours wit | h Tempera    | ture                                             |                 |      |
| Rel. Hum.    | 3560655                               | 54993                  | 61.114.               | 930              | 900            | ± 0 F                                            | : 32 F        | ≥ 67 F       | ≥ 73 F      | → 80 F       | € 93                                             | F To            | ota  |
| Dry Bulb     | 1142202                               | 30008                  | 33.312.               | 553              | 900            | .4                                               | 38.4          | . 3          | • 1         |              |                                                  |                 |      |
| Wet Bulb     | 842235                                | 25961                  | 28.810.               | 141              | 900            | . 4                                              | 51.8          |              |             | 1            | <del>                                     </del> |                 | _    |
| Dew Point    | 475232                                | 18492                  | 20.510.               | 349              | 900            | 4.3                                              | 81.9          |              |             | <del> </del> |                                                  |                 |      |
|              |                                       |                        |                       | - / -            |                |                                                  |               |              |             |              |                                                  |                 | _    |

57-66

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

26102 FORT SMITH NWT DOT APT

# **PSYCHROMETRIC SUMMARY**

APR

| 5"A" ON      |     |          |            | ST         | ATION N | AME    |         | -        |         |                                                  |              |                |         | Y            | EARS                                             |              | _            |              | _      | MON         | TH .     |
|--------------|-----|----------|------------|------------|---------|--------|---------|----------|---------|--------------------------------------------------|--------------|----------------|---------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------|-------------|----------|
|              |     |          |            |            |         |        |         |          |         |                                                  |              |                |         |              |                                                  |              |              | PAGE         | 1      | 1500=       | 1700     |
|              | ,   |          |            |            |         | w.F.T  |         |          |         |                                                  |              |                |         |              |                                                  |              |              |              |        |             |          |
| Temp.<br>(F) |     |          |            |            |         | WET    | BULB 1  | EMPER    | ATURE   | DEPRI                                            | SSION        | (F)            |         |              |                                                  |              |              | TOTAL        |        | TOTAL       | _        |
| 74/ 73       | 0   | 1 . 2    | 3 · 4      | . 5 . 6 _, | 7 - 8   | 9 - 10 | 11 - 12 | 13 - 14  | 15 - 16 | 17 - 18                                          | 19 - 20      | 21 - 22        | 23 - 24 | 25 - 26      | 27 - 28                                          | 29 - 30      | 2 31         | D.B. W.B. D. | y Bulb | Wet Bulb C  | ew Point |
|              |     | !        | -          | i          | ĺ       |        |         |          |         |                                                  |              | . 1            |         |              |                                                  |              | ŀ            | 1            | 1      |             |          |
| 72/ 71       |     |          | : <b>-</b> |            |         |        |         |          |         | L                                                | •            | 1              |         | ļ            |                                                  |              | ļ            | 1            | 1      |             |          |
| 68/ 67       |     |          | . !        |            |         |        | i       |          |         | • •                                              |              |                |         |              |                                                  |              |              | 1            | 1      | 1           |          |
| 66/ 65       |     |          |            |            |         |        |         |          | L       | • 4                                              |              | 1              |         |              |                                                  |              | <u> </u>     | 2            | 2      | 1 1         | _        |
| 64/ 63       |     |          |            | i          |         |        | ,       |          |         | • 1                                              |              | 1 1            |         |              |                                                  |              | -            | 1            | 1      | i           |          |
| 60/ 59       |     |          | ii         |            |         |        | . 2     | . 4      |         | • 1                                              |              | L              |         |              |                                                  |              | 1            | 7            |        | :           |          |
| 58/ 57       |     | i        |            | İ          |         | • 1    | • 2     | .7       | • 2     | 4                                                | 1            | 1              |         |              |                                                  |              | Ì            | 7            | 7      |             |          |
| 56/ 55       |     | <u> </u> |            |            | • 2     | , 6    |         |          |         | !                                                | <u>L</u>     |                |         |              |                                                  |              |              | 20           | 20     |             |          |
| 54/ 53       |     | i        |            | • 1        | • 1     | . 6    |         | • 1      | İ       |                                                  |              |                |         |              |                                                  |              |              | 11           | 411    | 1           | _        |
| 52/ 51       |     |          |            | • 1        | , 9     | 1.0    |         |          |         | L                                                | <u></u>      |                |         | İ            |                                                  |              | <u>i</u>     | 4 1          | 18     |             | _        |
| 50/ 49       |     |          |            | . Z        | 1.9     | , 8    |         |          |         |                                                  |              |                |         |              |                                                  |              | i            | 24           | 24     |             | _        |
| 48/ 47       |     | <u>i</u> | • 1        | . 3        | 2.7     | 2.2    |         |          |         |                                                  |              |                |         |              | İ                                                |              | 1            | 53           | 53     |             |          |
| 40/ 45       |     |          | . 3        | 1.3        | 2.6     | 1.3    |         |          |         |                                                  |              |                |         |              | I                                                |              | Ī            | 50           | 50     |             |          |
| 44/ 43       |     | • 1      |            | 2.2        | 3.7     | 1.2    | • 1     |          |         | 1                                                |              |                |         | 1            |                                                  |              | 1            | 75           | ?5     |             | 1        |
| 42/41        |     | . 8      |            | 2.3        | 2.Z     | . 9    |         |          |         |                                                  |              |                |         |              |                                                  |              |              | 63           | 43     |             | ₹.       |
| 40/ 39       |     | • 3      |            | 3.1        | 1.9     | . 3    |         |          |         |                                                  |              |                |         | İ            |                                                  |              |              | 64           | 6.     | 65          | 5        |
| 38/ 37       | _   |          |            | 4.4        | . 3     |        |         |          |         |                                                  |              |                |         |              |                                                  |              | 1            | 7.           | 72     |             | 16       |
| 36/ 35       | • 1 | .6       | 1.8        | , 9        | - 4     |        |         |          |         |                                                  |              |                |         |              |                                                  |              | 1            | 34           | 34     | 84          | 23       |
| 34/ 33       | • 3 | 2.1      |            | .7         | • 1     |        |         |          |         |                                                  |              |                |         | !            |                                                  |              | 1            | 49           | 49     | 100         | 39       |
| 32/ 31       |     | 1.7      |            | . 4        | • 1     |        |         |          |         |                                                  |              |                |         |              | 1                                                |              |              | 36           | 36     | 90          | 59       |
| 30/ 29       |     | 1.4      | 1.4        | . 3        | • 1     |        |         |          |         |                                                  |              |                |         |              |                                                  |              | 1            | 30           | 30     | 45          | 60       |
| 28/ 27       |     | 1.8      | 2.0        | . 6        | 1       |        |         |          |         |                                                  | l            |                |         |              |                                                  |              |              | 44           | 44     | 36          | 85       |
| 26/ 25       |     | 2.0      | 2.5        | .2         |         |        |         |          |         |                                                  | t            | 1              |         | 1            |                                                  |              | 1            | 45           | 45     | 35          | 83       |
| 24/ 23       | • 2 | 1.4      | 1.9        |            |         |        |         |          |         |                                                  | ļ            |                |         |              |                                                  |              |              | 32           | 32     | 45          | 101      |
| 22/ 21       |     | 1.0      | 7.0        |            |         |        |         |          |         | †                                                |              | <del> </del>   |         | <del></del>  |                                                  |              | +            | 32           | 32     | 43          | 63       |
| 20/ 19       |     | 1.3      | 1.7        |            | ĺ       |        |         |          |         |                                                  | ŀ            |                |         |              |                                                  |              |              | 27           | 27     | 28          | 52       |
| 18/ 17       | • 1 | 1.4      | 1.0        |            |         |        |         |          |         |                                                  | <del> </del> | +              |         | <del> </del> | †                                                |              | 1            | 23           | 23     | 38          | - 51     |
| 16/ 15       | • 2 | 1.6      |            |            |         |        |         |          |         |                                                  |              |                |         |              |                                                  |              | -            | 27           | 27     | 25          | 41       |
| 14/ 13       | -3  | 1.9      | • Z        |            |         |        |         |          |         | <del> </del>                                     | <del> </del> | 1              |         | <u> </u>     | †                                                |              | 1            | 22           | 22     | <b>Z9</b>   | 33       |
| 12/ 11       | • 1 | 1.0      | • 1        | ļ          |         |        |         |          |         |                                                  |              |                |         |              |                                                  |              |              | 11           | 11     | 24          | 31       |
| 10/ 9        | • 2 | 3        | .1         |            |         |        |         |          |         | <del>                                     </del> | 1            |                |         | 1            | $\vdash$                                         |              | 1            | 6            |        | - 11        | 29       |
| 8/ 7         | .3  |          |            | ì          |         |        |         |          |         |                                                  |              |                |         | 1            |                                                  |              | ĺ            | 8            | 8      | 11          | 28       |
| 67 5         |     | • 1      |            |            |         |        |         |          |         | <del>                                     </del> | <u> </u>     | 1              |         | 1            |                                                  |              | <del> </del> | <u> </u>     |        | <del></del> | 27       |
| 4/ 3         |     | j        |            |            | ļ       |        |         |          |         |                                                  |              |                |         | 1            |                                                  |              |              | -            | •      | _           | 19       |
| Element (X)  |     | Zx'      | -          |            | E X     | $\neg$ | X       | <b>₹</b> | Ψ-      | No. OI                                           | )S.          |                |         | 1            | Mean N                                           | la. of H     | lours wie    | h Temperatur |        |             |          |
| Rel. Hum.    |     | <u></u>  |            |            |         |        |         |          | _+-     | .,,,,,                                           |              | = 01           | -       | ≤ 32 F       | ≥ 67                                             |              | 73 F         | > 80 F       | • 93 f | £ 7.        | nal      |
| Dry Builb    |     |          |            |            |         |        |         |          |         |                                                  |              | <del>-</del> - | +       | - 52 .       | 1 - 3/                                           | <del>`</del> | - / • •      | 1 00 1       | - 73 1 |             |          |
| Wet Bulb     |     | -        |            |            |         |        |         |          |         |                                                  |              |                | +       |              | <del>                                     </del> | -+-          |              |              |        |             |          |
|              |     |          |            |            |         |        |         |          |         |                                                  |              |                |         |              | <del>                                     </del> | +            |              | 1            |        |             |          |
| Dew Point    |     |          |            |            |         |        |         |          |         | ••                                               |              |                |         |              |                                                  |              |              |              |        |             |          |

57-66

USAFETAC FORM 0.26-5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FORM ARE OIS-OLER

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 6102                  |     | 3        | MITH     |                                              | TATION N              |              | <u> </u>     |                |         | 57.           | -00              |              |              |             | YEARS        |             |        |                                                  |                | Mon          | PR<br>TH |
|-----------------------|-----|----------|----------|----------------------------------------------|-----------------------|--------------|--------------|----------------|---------|---------------|------------------|--------------|--------------|-------------|--------------|-------------|--------|--------------------------------------------------|----------------|--------------|----------|
|                       |     |          |          |                                              |                       |              |              |                |         |               |                  |              |              |             |              |             |        | PAC                                              | SE 2           | 1500         | -170     |
| Temp.                 |     |          |          |                                              |                       |              | BULB         |                |         |               |                  |              |              |             |              |             |        | TOTAL                                            | Ī              | TOTAL        |          |
| (F)                   | 0   | 1 - 2    | 3 - 4    | 5 - 6                                        | 7 - 8                 | 9 - 10       | 11 - 12      | 13 - 14        | 15 - 16 | 17 - 18       | 19 - 20          | 21 - 2       | 23 - 2       | 24 25 -     | 26 27 -      | 28 29 -     | 30 2 3 | D.B. V.B                                         | · Dry Bulb     | Wet Bulb     | Dew P    |
| 2/ 1<br>C/ -1         |     |          |          | í                                            | i                     | ĺ            |              | 1              | 1       | 1             | 1                |              |              |             | 1            |             |        |                                                  |                |              | 1        |
| -2/ -3                |     | -1       | ·        | . ——                                         | i                     |              | <u> </u>     |                |         | †             |                  | †            | <b> </b>     | -           |              | +           |        | 1 3                                              |                | 1            | '        |
| -4/ -5<br>-6/ -7      | • 1 |          | •        |                                              | -                     | <del> </del> |              |                |         | -             |                  |              |              |             | -            | <del></del> | -      | <del>                                     </del> | 1              | 2            |          |
| -8/ -9                |     |          | <u> </u> |                                              | Ĺ                     |              | ļ            | ļ<br>———       |         | <u> </u>      | ļ                |              | <u> </u>     |             |              | $\perp$     |        |                                                  |                |              |          |
| 10/-11                |     | i        | !<br>{   |                                              |                       |              |              |                |         | İ             |                  |              |              |             |              |             |        |                                                  |                |              |          |
| JATE                  | 2.3 | 22.4     | 27.2     | 17.3                                         | 16.3                  | 9.(          | 2.9          | 1.4            | •       | 2 .0          | •                | •            | 1            |             |              |             |        | 900                                              | 900            | 900          | 9        |
|                       |     |          |          |                                              |                       |              |              |                |         | † <del></del> | 1                | †            | 1            | +           | 1            | +-          | +      | <b>—</b>                                         |                |              |          |
|                       |     |          |          |                                              |                       |              | -            |                |         | -             |                  | +            | <del> </del> |             |              | +           |        |                                                  | -              |              |          |
|                       |     | —-       | ļ        |                                              |                       | <u> </u>     | -            |                | L       | <u> </u>      | 1                | -            |              |             |              | $\perp$     |        | _                                                | ļ              |              |          |
|                       |     |          | ·        |                                              |                       |              |              |                |         |               |                  | 1            |              |             | j            |             |        |                                                  |                |              |          |
| •                     | -   | •        | · ·-<br> |                                              |                       |              |              |                |         | †             |                  |              |              | 1           |              | -           |        |                                                  |                |              |          |
| •                     |     |          |          |                                              |                       | <u> </u>     | -            |                |         | +             | <del>  -</del> - | +            | -            | +           | +            | +           |        |                                                  | -              | <del> </del> |          |
|                       |     |          | :<br>+ · |                                              |                       | Ĺ            | ļ            |                |         | <b>↓</b>      | <u> </u>         |              | <u> </u>     | <del></del> |              |             |        |                                                  |                |              |          |
|                       |     |          |          |                                              |                       |              |              |                |         |               |                  |              |              |             |              |             |        |                                                  |                |              |          |
|                       |     |          | i        | ·                                            |                       | 1            |              |                |         |               |                  |              |              |             |              | 1-          |        |                                                  |                |              |          |
| •                     |     | ·- ·     | <br>!    |                                              |                       | <del> </del> |              | <del> </del> - |         | +             | ļ                | <del> </del> | <del> </del> | +           | <del> </del> | +           | +-     | -                                                | <del>   </del> |              |          |
|                       |     |          |          |                                              | ļ                     | ļ            | <del> </del> |                | ļ       | ļ             | <del> </del>     | -            | ↓_           | 4           |              | $\perp$     |        | <u> </u>                                         | -              |              |          |
| ĺ                     |     |          |          | <u>.                                    </u> |                       |              |              |                | 1       | 1             |                  | }            |              |             | 1            | 1           |        |                                                  |                |              |          |
|                       |     |          |          |                                              |                       |              | 1            |                |         |               |                  |              |              |             |              |             |        |                                                  |                |              |          |
|                       |     | •        | · ·      |                                              | i                     | <del> </del> |              |                | -       | †             | -                | <del> </del> |              | +           | _            | +           |        | <del>                                     </del> |                |              |          |
|                       |     | •        | :        |                                              | ļ                     |              | <u> </u>     |                |         | <del> </del>  |                  | <del> </del> | -            |             | -            |             |        |                                                  | <u> </u>       |              |          |
|                       |     | <u> </u> |          |                                              | <u></u>               | <u>L_</u>    | <u> </u>     |                |         |               |                  |              |              |             |              |             |        |                                                  |                |              |          |
| lement (X)            |     | Z X,     | 2352     |                                              | <sup>2</sup> x<br>527 | 3 A          | X<br>58.6    | 18.7           | 27      | No. 0         | bs.              |              |              |             |              |             |        | vith Tempera                                     |                |              |          |
| Ref. Hum.<br>Dry Bulb |     |          | 4928     |                                              | 314                   |              | 35.0         | 12.1           | 75      |               | 00               | = 0          | F 3          | : 32 F      |              | 67 F        | ≥ 73 F | 2 80 F                                           | - 93 F         | -   <u>'</u> | oral     |
| Ver Bulb              |     |          | 2197     |                                              | 269                   |              | 30.0         |                |         |               | 00               |              | • 3          | 46.         |              | • 3         |        | -                                                | -+             | _            |          |
| Dew Point             |     |          | 4302     |                                              | 188                   |              | 20.9         |                |         |               | 700              |              | . 0          | 81.         |              |             |        | <del></del>                                      |                |              |          |

USAFETAC FORM 0.26 5 (OLA) REVISED MENOUS EDITORS OF THIS FORM ARE DISCUERE

DATA PROCESSING DIVISION USAF ETAS AIR MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

FORT SHITH NWT DUT APT 57-66 26102 APR YEARS MONTH 1800-2000 PAGE 1

|           |                |              |       |          |            |               |          |                                        |                                                  |                |                                                  |                |                                                  |                |                                                  |                                                  |                                                  |              |               |                                                  | L. S. T.) |
|-----------|----------------|--------------|-------|----------|------------|---------------|----------|----------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|----------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|---------------|--------------------------------------------------|-----------|
| Temp.     |                | ,            |       |          |            |               |          |                                        |                                                  | E DEPRI        |                                                  |                | ,                                                |                | ·                                                |                                                  | <b>,</b>                                         | TOTAL        |               | TOTAL                                            | <b>.</b>  |
| (F)       | · ·            | 1 - 2        | 3 - 4 | 5 - 6    | 7 - 8      | 9 - 10        | 11 - 12  | 13 - 14                                | 15 - 10                                          | 17 - 18        | 19 - 20                                          | 21 - 22        | 23 - 24                                          | 25 - 26        | 27 - 28                                          | 29 - 30                                          | × 31                                             | D.B. W.B.    | Dry Bulb      | Wet Bulb                                         | Dew Point |
| 66/ 65    |                | ļ            |       | )        | ,          | )             | ľ        |                                        | }                                                | • 1            | .]                                               |                |                                                  |                | 1                                                |                                                  |                                                  | 1            | 1             |                                                  | !         |
| 64/ 63    |                | Ì            | ! !   | ]        | į          |               |          |                                        |                                                  |                | ì                                                |                | [<br>]                                           | {              | [                                                | ĺ                                                | ĺ                                                | 1            | 1             |                                                  | i 1       |
| 62/ 61    |                |              |       |          |            |               |          |                                        |                                                  | I              |                                                  |                |                                                  |                |                                                  | 1                                                |                                                  | 1            | 1             |                                                  |           |
| 58/ 57    | 1              |              | i     | i        |            |               | • 1      | .4                                     |                                                  |                |                                                  |                | İ                                                | İ              | 1                                                |                                                  |                                                  | 5            | 5             |                                                  | 1         |
| 36/ 55    |                | <del></del>  |       |          |            | . 3           | .1       | . 3                                    |                                                  |                |                                                  | <u> </u>       | 1                                                |                | 1                                                | 1                                                |                                                  | 7            | 7             |                                                  | -         |
| 54/ 53    | 1              |              | . 1   | . 1      | . 1        | . 2           | . 2      | .4                                     | ,                                                |                |                                                  |                | ļ                                                | ļ              |                                                  | 1                                                | 1                                                | 11           | 11            |                                                  |           |
| 52/ 51    | †—— <u> </u>   |              | . 1   | . 1      | . 2        | , 4           | . 2      | . Z                                    |                                                  |                | 1                                                |                | i                                                | † — —          |                                                  |                                                  | !                                                | 12           | 12            | <del>                                     </del> | †         |
| 50/ 49    | 1              | i            |       | . 2      | . 8        | 1.1           | . 6      |                                        |                                                  | 1              | ł                                                | 1              | 1                                                | 1              | ļ                                                | 1                                                | 1                                                | 24           | 24            | 1                                                | .]        |
| 48/ 47    | 1              | <b></b>      | • 2   | 1.1      | 1.3        | .9            | .3       |                                        |                                                  |                | <del>                                     </del> | 1              |                                                  | $\overline{}$  | <del>                                     </del> |                                                  | 1                                                | 35           | 35            | 5                                                | 1         |
| 46/ 45    | 1              | -            |       | 1.2      | 1.3        | . 4           | . 1      | Ì                                      | Ì                                                | 1              | ì                                                | 1              | ł                                                | 1              | Ì                                                | Į.                                               | l                                                | 28           | 28            | 9                                                | 1         |
| 44/ 43    | +              | • 1          | . 5   | 2.2      | 2.3        | .7            | • 1      |                                        | <del> </del>                                     |                | t                                                | <del> </del>   | ·                                                | <b></b>        | <b> </b>                                         |                                                  |                                                  | 56           | 36            | 15                                               | ,         |
| 42/ 41    |                | <b>!</b> . ፮ | 1.4   | 3.1      | 1.3        |               | •        |                                        |                                                  | 1              | 1                                                |                | ſ                                                | {              |                                                  | 1                                                | 1                                                | 60           | 60            |                                                  |           |
| 407 39    |                | . ,          | 1.8   | 3.4      | 1.4        | . 2           |          |                                        | <del>                                     </del> | +-             | <del>                                     </del> | <del> </del>   | <del>                                     </del> | <del> </del>   | <del> </del>                                     | <del>                                     </del> |                                                  | 68           | 68            | 50                                               |           |
| 38/ 37    | 1              | 1.1          |       | 3.9      | . 8        |               |          | Ì                                      |                                                  |                |                                                  |                |                                                  | İ              |                                                  | l                                                | 1                                                | 73           | 73            | 67                                               |           |
| 36/ 35    |                | . 8          | 2.8   | 2.3      | . 3        |               |          |                                        | <del> </del>                                     | <del> </del>   | <del> </del>                                     | <del></del>    | }                                                | <del> </del>   | 1                                                |                                                  | <del>                                     </del> | 56           | 36            | 87                                               |           |
| 34/ 33    |                | 2.6          |       |          |            | , ,           |          | ]                                      | ļ                                                | }              | 1                                                |                |                                                  |                |                                                  |                                                  | 1                                                | 63           | 63            | 97                                               |           |
| 32/ 31    |                |              |       | .3       | • 1        |               |          |                                        |                                                  | <del> </del> - |                                                  | +              | <del>[</del>                                     | <del></del>    | <del>                                     </del> | -                                                | <del> </del>                                     | 42           | 42            | 87                                               |           |
| 30/ 29    |                |              |       | . 3      | •          |               |          |                                        | 1                                                | }              | l                                                | 1              | 1                                                | 1              |                                                  | ]                                                | )                                                | 38           | 38            | 71                                               |           |
| 287 27    |                |              | !     | • 2      |            |               |          |                                        | <del> </del> -                                   | +-             | <del></del> -                                    | +-             |                                                  | <del> </del>   | <del> </del> -                                   | <del> </del>                                     | <del></del>                                      | 37           | 37            | 49                                               |           |
| 26/ 25    |                |              | 11    | . 2      |            |               |          | (                                      | ĺ                                                | 1              |                                                  | 1              | <b>{</b>                                         | 1              | ì                                                | {                                                | 1                                                | 37           | 37            | 37                                               |           |
| 247 23    |                |              |       | . 3      |            |               |          | <del> </del>                           | <del> </del>                                     | <del> </del>   | <del> </del>                                     | +              |                                                  | <b></b> -      |                                                  | <del> </del> -                                   | <del> </del>                                     | 32           | 32            |                                                  |           |
| 22/ 21    |                | 3.1          |       | . 2      |            |               |          |                                        |                                                  |                | 1                                                | 1              | <b>i</b>                                         | ļ              | Į .                                              | 1                                                | 1                                                | 40           | ( -           |                                                  |           |
| 20/ 19    |                |              | 1     |          |            |               |          |                                        |                                                  | <del> </del>   | <del> </del> -                                   | +              |                                                  | <del> </del>   | <del> </del>                                     | <del>├</del> ~~                                  | <del>  -</del> -                                 | 32           | 32            |                                                  |           |
| 18/ 17    |                |              |       | - 7      |            |               |          |                                        |                                                  |                |                                                  | ļ              |                                                  |                | Ì                                                | ļ                                                | 1                                                | 28           |               |                                                  |           |
| 167 15    | 12             | 1.6          |       |          |            |               |          | <del></del>                            | <del> </del>                                     | +              | +                                                | <del> </del>   |                                                  | <del> </del>   | <del> </del>                                     | <del> </del>                                     | +                                                | 20           |               |                                                  |           |
| 14/ 13    |                | 1 -          |       |          |            | ) )           |          | }                                      |                                                  | j              | j                                                | 1              | •                                                |                |                                                  | ì                                                |                                                  | 23           |               |                                                  |           |
| 17/11     | • 6            |              |       |          |            | <del>  </del> |          |                                        | <del> </del>                                     |                | ┼                                                | +              | <del></del>                                      | <del> </del> - | <b>├</b> ──                                      | <del> </del>                                     | <del> </del>                                     | 22           |               |                                                  |           |
| 10/ 9     |                | , -          |       | ' i      |            | 1             |          |                                        | 1                                                | 1              | 1                                                |                | 1                                                | 1              | 1                                                | 1                                                | 1                                                | 12           | 12            | 1 .                                              |           |
| 87 7      |                | 1            |       |          |            |               |          |                                        | <del> </del>                                     | +              | +                                                | +-             | <del> </del>                                     | <del> </del>   | <del> </del>                                     | <del> </del>                                     | +-                                               | 20           |               |                                                  |           |
| 6/ 5      |                |              |       |          |            | l í           |          | 1                                      |                                                  | 1              | ĺ                                                | 1              | (                                                | (              | İ                                                |                                                  | (                                                | - 6          | -6            | 15                                               |           |
| 4/ 3      |                |              |       |          |            | <del>  </del> |          | <del> </del>                           | <del> </del> -                                   | <del> </del>   | +                                                | +              | <del> </del>                                     | <del> </del>   | <del> </del>                                     | <del> </del>                                     | ┼                                                | - Z          | - 4           |                                                  | 22        |
| 2/ 1      |                |              |       |          |            |               |          |                                        | [                                                | 1              |                                                  |                | 1                                                | 1              | 1                                                |                                                  | 1                                                | 2            |               | 3                                                |           |
| कें न     |                | 1            |       |          | l          | <del> </del>  |          | <del> </del>                           | <del> </del>                                     | +              | +                                                | +              | <del></del>                                      | <b>├</b> ─     | ┼──                                              | <del> </del>                                     | <del> </del>                                     | + - 7        |               | <del>                                     </del> | 17        |
| -2/ -3    |                | , -          | 1     |          |            | [ ]           |          | ĺ                                      |                                                  | ì              | 1                                                | 1              | 1                                                | 1              | 1                                                | 1                                                | 1                                                | ;            | L             |                                                  | 16        |
|           | +              | Σχ?          | Ц.    | بــــــا | Z X        | ┶┯┷           | =        |                                        | ┺                                                | 10. 2          | <u></u>                                          | <del>/</del>   |                                                  | <b></b>        | M                                                | No6 4                                            | 1                                                | 1 T          |               | <u> </u>                                         | 10        |
| Rel. Hum. | <del> </del> - | ~ X.         |       | <u></u>  | ~ <u>X</u> |               | <u>X</u> | - "                                    |                                                  | No. 0          |                                                  |                |                                                  |                |                                                  |                                                  | 73 F                                             | h Tempera    |               |                                                  |           |
|           | ₩-             |              |       |          |            |               |          |                                        | -+                                               |                |                                                  | ± 0            | <u>-                                    </u>     | ≤ 32 F         | ≥ 67                                             | <u> </u>                                         | - /3 -                                           | ≥ 80 F       | e 93          |                                                  | Total     |
| Dry Bulb  | ļ              |              |       |          |            |               |          | <del> </del>                           |                                                  |                |                                                  | <del> </del> - | -+-                                              |                | <del> </del>                                     | $\dashv$                                         |                                                  | <del> </del> | +             |                                                  |           |
| Wet Bulb  | ļ _ · · ·      |              |       |          |            |               |          |                                        |                                                  |                |                                                  | <del> </del>   |                                                  |                | <del> </del>                                     | -+                                               |                                                  | ļ            | <del></del> - |                                                  |           |
| Dew Point | <u> </u>       |              |       |          |            |               |          | ــــــــــــــــــــــــــــــــــــــ |                                                  |                |                                                  | <u></u>        |                                                  |                | <u></u>                                          | L_                                               |                                                  | L            |               |                                                  |           |

USAFETAC FORM 0.26-5 (OLA) REVISED MENGUS EDITIONS OF THIS FORM ARE OLEGIETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

26102 FORT SMITH NWT DOT APT
STATION NAME 57-66 APR YE ARS STATION NAME MONTH 1800-2000 Hauro S. T. PAGE 2

| Temp.             |     |              |                     |                |              | WE             | BULI             | R TE   | MPED   | ATUR          | DEP          | PESSIO          | N (F)        |            |                |          |          |        |        | _    |             | TOTAL        |          | T01                 | T & 1            |         |
|-------------------|-----|--------------|---------------------|----------------|--------------|----------------|------------------|--------|--------|---------------|--------------|-----------------|--------------|------------|----------------|----------|----------|--------|--------|------|-------------|--------------|----------|---------------------|------------------|---------|
| (F)               |     | 1 2          | 3.4                 | 5 . 6          | 7.0          | 0 10           | 111.             | 12 1   | 2 14   | 15 14         | 17           | 18 10           | 20 2         | 1 . 22     | 22.2           | 1 25     | 24       | 27 . 2 | 0 20   | 30   | > 31        | D.B. W.E     | Dr. B.   | illo i<br>Illo West | R.J.L.           | )a P.a. |
| -47 -5            | • 1 |              | . 3 . 4             | 3.0            | -/··         | 7 . 10         | +                | -      | 3 - 14 | 13 - 10       | -            | 10 17.          | 20 2         | 1 - 22     | 23 - 2         |          | 20       |        | 6 21   | - 30 | - 31        | -            | T        | 10 70               | 1                | /CW FBI |
| -6/ -7            | • • | 1            |                     | İ              | -            | )              | 1                |        | -      |               |              |                 |              |            |                | }        |          |        |        |      | l           |              |          | 1                   | •                |         |
| <del>-87 -9</del> |     | L -          | -1                  | -              | ļ            | <del></del>    | <b></b> -        | _      |        |               | ↓            | 4               | <u>.  </u> . |            |                | 1-       | _        |        | 4      |      |             | <b></b>      | +        |                     | •                |         |
| 10/ 19            |     |              |                     |                | !            |                | 1                |        |        |               |              |                 |              |            |                |          |          |        | 1      |      |             |              | . 1      | _ ;                 |                  | •       |
| 10/-11            | .1  |              |                     | L              | ļ            | <u> </u>       |                  |        |        |               |              |                 | 4            |            |                | ļ.,      | _        |        |        |      |             |              | 1        | 1                   | 1                | _ :     |
| 14/-15            |     |              | ساسا                | ، ا            |              |                |                  |        |        |               | .]           |                 |              |            |                |          | - }      |        |        |      | [           |              | !        | - ; -               | - 1              | - 1     |
| UTAL              | 3.9 | 33.          | 723.                | 20.6           | 110.1        | Ų <b>♦.</b> ∣  | 91.              | . 8    | 1.4    | •             | 2 •          | 4               |              |            |                |          | - 1      |        | Ì      |      |             | į            |          | 0                   |                  | 900     |
|                   |     |              | 1                   |                | T            |                |                  |        |        |               |              |                 |              |            |                |          |          |        |        |      |             | 90           | <u> </u> | ٦- ٩                | 00               |         |
|                   |     |              |                     |                | 1            | ]              | 1                | - 1    |        |               |              |                 |              |            |                | 1        | ļ        |        |        |      | i           |              |          |                     |                  |         |
|                   |     |              |                     |                | 1            |                | 1                |        |        |               |              | 1               |              |            |                | T-       | $\neg$   |        | $\top$ |      |             |              |          |                     |                  |         |
| i                 |     |              |                     |                |              |                |                  | - 1    | i      |               |              |                 | - 1          |            |                |          |          |        | 1      |      | 1           |              | 1        | i                   |                  |         |
|                   |     |              | +                   | 1              | <del> </del> | +              | +                | -      |        |               | +            | +-              | +            |            | -              | +        | Ť        |        | -      |      |             | ·            | +        | <del></del>         |                  |         |
| i                 |     | 1            | 1                   | 1              | 1            |                | 1                | ļ      | - 1    |               | 1            |                 | 1            |            |                |          |          |        | 1      |      | Ì           |              |          | ļ.                  | i                |         |
|                   |     |              | <del> </del>        |                | +            | +              | +-               | +      |        |               | +-           | +-              | +            |            |                | +-       | -+       |        |        |      | <del></del> | <del> </del> | +        |                     | - <del>-  </del> |         |
| :                 |     | l            | 1                   | 1              |              |                |                  |        | i      |               |              |                 | ļ            |            |                |          |          |        | 1      |      |             | 1            | 1        |                     | -                |         |
|                   |     |              | . <del> </del>      | . <del> </del> | <b></b>      | <del></del>    |                  | +      |        |               | —            |                 |              |            |                |          | -        |        |        |      |             | <u> </u>     |          |                     |                  |         |
| 1                 |     |              | 1                   |                | 1            | ì              |                  |        |        |               |              |                 | İ            |            |                |          |          |        |        |      |             | 1            | 1        | -                   |                  |         |
| !                 |     |              |                     | 1              | ļ            | <del></del>    | ļ                | 4      |        |               |              | <del></del>     |              |            |                | ↓        | _        |        |        |      |             |              |          |                     |                  |         |
|                   |     | ı            | İ                   | 1              |              |                |                  |        |        |               |              |                 |              |            |                | İ        |          |        |        |      | l           |              |          | İ                   | 1                |         |
|                   |     |              |                     | 1              | 1            | .1             | 1                |        |        |               | Í            |                 |              |            |                |          | 1        |        | - [    |      | ĺ           | l_           | i        |                     | i                |         |
|                   |     |              |                     |                |              |                |                  | Т.     |        | _             |              |                 |              |            |                |          | T        |        |        |      |             |              |          |                     |                  |         |
| i                 |     |              |                     | -              |              | 1              |                  |        |        |               |              | 1               |              |            | l              |          |          |        |        |      | İ           |              |          |                     |                  |         |
|                   |     | 1            |                     |                | 1            | 1              | $\top$           | -      |        |               | 1            |                 |              |            |                | 1        |          |        |        |      |             |              |          |                     | - 1              |         |
| 1                 |     | 1            | 1                   |                |              | 1              | -                |        | i      |               |              |                 |              |            |                | 1        | - 1      |        |        |      | i           |              |          |                     |                  |         |
|                   |     |              | +                   | · <del> </del> | 1            | <del> </del>   | +-               | -+-    |        |               | +            |                 | $\neg$       |            |                | +-       | $\dashv$ |        | +      |      |             | +            |          |                     | <del>- i</del> - |         |
| }                 |     |              |                     |                |              |                |                  | ļ      |        |               | 1            |                 |              |            |                |          |          |        |        |      |             |              |          | 1                   |                  |         |
|                   |     | <del> </del> | +                   | <del></del>    | +            | <del> </del>   |                  | -+     |        |               | <del> </del> |                 | -+-          |            |                | +        | +        |        | +      |      | ļ           | <del> </del> | +        |                     | -+               |         |
|                   |     | i            |                     |                |              | 1              | Į                |        |        |               | 1            |                 |              |            |                | 1        | - 1      |        |        |      |             |              | 1        |                     |                  |         |
|                   |     | <b>├</b> -   |                     |                |              |                | ₩                |        |        |               | ــ           |                 | $\dashv$     |            |                | +-       | -        |        | +      |      |             | ļ            |          |                     |                  |         |
| 1                 |     | ļ .          | 1                   | 1              | 1            | 1              |                  | - [    | - 1    |               |              | -               | - 1          |            |                | 1        | - 1      |        | - [    |      |             | 1            |          |                     |                  |         |
|                   |     |              | 1                   |                | 1            | 1              | <u> </u>         |        |        |               | <u> </u>     |                 | $\perp$      |            |                | <u> </u> |          |        | ⊥.     |      |             | <u> </u>     |          |                     |                  |         |
|                   |     |              |                     |                | 1            |                |                  |        |        |               | 1            | i               |              |            |                | _        |          |        |        |      | _           |              |          |                     |                  |         |
| 1                 |     | i            | j                   | 1              | ]            |                |                  | ĺ      |        |               |              |                 |              |            |                | 1        |          |        |        |      |             |              |          |                     |                  |         |
|                   |     |              |                     | 1              | 1            | $\Gamma -$     | $I^{-}$          | $\top$ |        |               | T            | T               |              |            |                | $\Gamma$ | T        |        |        |      |             |              | 7        |                     |                  |         |
|                   |     |              |                     |                |              | 1              | 1                |        |        |               |              |                 |              |            |                | 1        | - 1      |        |        |      |             |              |          |                     |                  |         |
| †                 |     | <b></b>      | <del> </del>        | 1              | <del> </del> | <del> </del>   | +                | -      |        | _             | $T^-$        |                 | $\neg +$     |            |                | T        | -+       |        | $\top$ |      |             | <del> </del> |          |                     | - +-             |         |
| ł                 |     |              | 1                   | 1              | 1            | 1              | 1                | - 1    |        |               | 1            |                 | - 1          |            | 1              | 1        | -        |        | 1      |      |             |              | 1        | -                   |                  |         |
| Element (X)       |     | Σχ²          | <u> </u>            | +              | ΣX           | <del>' T</del> | <del>-   X</del> | +      |        | -             | No.          | Obs.            | ~~           |            |                |          |          | Maco   | No.    | of H | nure wit    | h Temper     | ature    |                     |                  |         |
| Rel. Hum.         |     |              | 7423                | 6              | 361          | 500            | 63               | 91     | 3.4    | 55            |              | 900             | +            | <b>±</b> 0 | =              | ± 32 I   | - 1      |        | 57 F   | _    | 73 F        | ≥ 80 F       |          | 3 F                 | 7.               | otal    |
| Dry Bulb          |     |              | 6679                |                | 280          | 951            | 32               | 31     | 2.3    | <del>77</del> |              | 900             | +            |            | . 4            | 39       | . 0      |        | ,, r   | ┿    | -3 -        | 1 200        | 1.       |                     | 16               | 9       |
| Wet Bulb          |     |              | 0098                |                | 74           | 244            | 78               | **     | 0.1    | 47            |              | <del>9</del> 66 | +            |            | -4             | 73       |          |        |        | +    |             | <del> </del> |          | <del></del>         |                  | 7       |
|                   |     |              | 5283                |                |              | 93             | 200              | · \    | 0.5    | O 1           |              | 900             |              |            | <del>: 7</del> | 82       |          |        |        | +    |             |              |          |                     |                  | 9       |
| Dew Point         |     | -            | 4 C <del>Q</del> 3. |                | 70(          | J 7 JR         | 4 V 1            | ) 4 4  |        | UL            |              | 700             | - 1          | 2          | 0 <b>&amp;</b> | 92       |          |        |        | - 1  |             | 1            | - 1      |                     |                  | 7(      |

USAFETAC FORM 0.26-5 (OL.A) BEVIED MEVICUS FORIONS OF THIS FORM ARE OLD OLITE

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102              | - 111            | K 1 3 | MIIH  | NWT          | ATION N        |     |                |                |                | 57-     | 06      |         |             |              | ARS          |             |                                                  |                |              |               | PR            |
|--------------------|------------------|-------|-------|--------------|----------------|-----|----------------|----------------|----------------|---------|---------|---------|-------------|--------------|--------------|-------------|--------------------------------------------------|----------------|--------------|---------------|---------------|
| 5: # : JN          |                  |       |       | 51           | ATTON N        | -ML |                |                |                |         |         |         |             | **           | AHS          |             |                                                  | PACE           | 1            | 2100          | -23           |
| <del></del>        |                  |       |       |              |                | WET | 9111.9         | TEMPER         | ATUDE          | DEDDE   | SSION / | E١      |             |              |              |             |                                                  | TOTAL          |              | TOTAL         | 3. 1.         |
| Temp<br>(F)        | 0                | 1 2   | 3 . 4 | 5.4          | 7 0            |     |                |                |                |         |         |         | 22 24       | 25 26        | 27 20        | 20 20       | - 21                                             | D.B. W.B.      | Dev. Bulb    | Wer Bulb      | Daw 6         |
| 32/ 51             |                  |       | -3-2  | ,            | 7.0            | , 3 |                | 13:14          | 13 - 70        | 17 - 16 | 17 - 20 | 21 . 22 | 23 - 24     | 23 - 20      | 27 - 28      | 27.30       |                                                  | 3              | 3            | WE1 D010      | DE W 1        |
| 50/ 49             | 1                |       | į     |              | . 3            | _   | 1              |                |                |         |         | 1       |             | ŀ            |              |             | }                                                | 3              | 3            |               | ĺ             |
| 487 47             | +                |       |       | • Z          | - 6            | .1  |                |                |                |         |         |         |             | <b></b>      |              |             | +                                                | 8              | 8            |               |               |
| 46/ 45             |                  |       | • 1   | . 4          | • 1            | . 3 | i              | i              | ĺ              |         |         |         |             | ľ            | i            |             |                                                  | 9              | 9            |               | l             |
| 44/ 43             | - +              | +     | . 4   |              | . 6            |     | <del> </del>   |                |                |         |         |         |             |              |              |             | <del>                                     </del> | 20             | 20           |               | $\overline{}$ |
| 42/ 41             | 1                | . 2   | 1.2   |              | . 3            |     |                | j              | ļ<br>ł         |         |         |         |             |              | 1            |             | }                                                | 28             | 28           | 13            |               |
| 40/ 39             |                  | . 6   | 2.7   |              | 1.0            |     |                |                |                |         |         |         |             |              |              |             |                                                  | 51             | 51           | 74            |               |
| 38/ 37             | • 1              | 1.3   |       |              | • 1            |     | l              | 1              | 1              |         |         |         |             |              |              |             |                                                  | 56             | 56           | 36            |               |
| 36/ 35             | • 2              | 2.1   | 3.2   |              | • 2            |     |                |                |                |         |         |         |             |              |              |             |                                                  | 68             | 68           | 62            | 4             |
| 34/ 33             | . 8              | 3.3   | 3.7   |              | •1             |     |                | 1              |                |         |         |         |             |              |              |             | l                                                | 8 2            | 82           | 76            |               |
| 32/31              |                  | 3.4   | 3,3   |              | •1             |     | j              | j.             | 1              |         |         |         |             |              | j            |             | i                                                | 69             | 69           | 81            |               |
| 30/ 29             | • 3              | 3.9   | 1.9   |              |                |     |                |                |                |         |         |         |             |              |              | L           | <u> </u>                                         | 55             | 55           | 96            |               |
| 28/ 27             | 4                | 4.1   | 2.7   | • 1          |                |     |                |                | Ì              |         |         |         |             |              | 1            |             | i                                                | 62             | 62           | 66            | !             |
| 26/ 25<br>24/ 23   | - 4              | 4.2   |       |              |                |     |                | <b></b>        | <del> </del>   |         |         |         |             | ļ            | ļ            |             | ļ                                                | 54             | 54           | 60            |               |
| 22/ 21             |                  | 3.1   | 1 • 1 |              |                |     |                | İ              |                |         |         |         |             |              |              |             |                                                  | 42<br>31       | 42           | 66<br>41      |               |
| 20/ 19             | • 1              | 1.8   | - 4   |              |                |     |                | <del> </del>   | <del> </del> - | -       |         |         |             | <del> </del> | <del> </del> |             | <u> </u>                                         | 26             | 31<br>26     | 33            |               |
| 18/ 17             | . 1              | 1.9   | . 4   |              |                |     | 1              |                |                |         |         |         |             |              | [            |             |                                                  | 22             | 22           | 29            |               |
| 167 15             | - ; <del>2</del> | 2.6   |       |              |                |     |                | <del></del>    |                |         |         |         |             | <b> </b> -   |              |             |                                                  | 26             | 26           | 22            |               |
| 14/ 13             | . 2              | 3.3   | 1     | ! )          |                |     | i              |                | l              |         | - 1     |         |             |              | ł            |             | }                                                | 33             | 33           | 33            |               |
| 127 11             | .7               | 2.6   | - 3   |              |                |     |                | <del> </del>   | <del> </del>   |         |         |         |             |              |              | <del></del> | <del> </del> -                                   | 32             | 32           | 34            |               |
| 10/ 9              | . 8              | 1.4   |       | ] j          |                |     | }              |                |                |         |         |         |             |              | l            |             |                                                  | 20             | 20           | 29            | 1             |
| 8/ 7               | . 4              | 1.6   |       |              |                |     |                | <b></b>        | <u> </u>       |         |         |         |             |              |              |             |                                                  | 18             | 18           | 19            | $\overline{}$ |
| 6/ 5               | . 3              | 1.4   | j     | i i          |                |     | 1              |                | 1              |         |         |         |             |              |              |             | i                                                | 16             | 16           | 17            |               |
| 4/ 3               | . 3              | 1.3   |       |              |                |     |                | 1              | 1              |         |         |         |             |              | l —          |             | 1                                                | 13             | 15           | 18            |               |
| 2/ 1               | . 6              | 1.1   |       |              |                |     |                |                |                |         |         |         |             |              | ļ            |             | İ                                                | 15             | 15           | 12            | 1             |
| 0/ -1              | . 7              | . 6   |       |              |                |     | Ī — —          |                | 1              |         |         |         |             |              |              |             |                                                  | 11             | -11          | 17            |               |
| -2/ -3             | .2               | . 3   |       |              |                |     |                |                | ļ              |         |         |         |             |              |              | L           | <u></u>                                          | 5              | 5            | 4             |               |
| -47 -5             |                  | . 3   |       | . [          |                |     |                |                |                |         |         |         |             |              |              |             |                                                  | 6              | 6            | 5             |               |
| -6/ -7             | • 6<br>• 2       | • 1   | :     | :I           |                |     | <u> </u>       | ļ              |                |         |         |         |             |              |              |             | L                                                | 6              | 6            |               | <u> </u>      |
| -87 -9             |                  | :     |       |              |                |     |                |                |                |         |         |         |             |              |              |             |                                                  | 2              | 2            | 3             | l             |
| -10/-11<br>-12/-13 | . 2<br>. 1       | - 4   |       | <b></b>      |                |     | ļ              | <b></b>        | <u> </u>       | ļ       |         |         |             | ļ            | L            | <u> </u>    |                                                  | 2.             | 2            | 2             | -             |
| 14/-15             | . 1              | í     |       |              |                | Ì   |                |                |                |         |         |         |             | 1            | (            | 1           | 1                                                |                | 3            | 1             | ĺ             |
| Element (X)        |                  | Σχ²   |       |              | ž <sub>X</sub> | Ь   | <u> </u>       | <del>  _</del> | ┯┈             | No. Ct  |         |         |             | L            | Magic        | <u> </u>    |                                                  | l Tamasia      | 1            | 1             | Щ.            |
| Rel. Hum.          |                  | ~ X.  |       | ļ            |                | -   | _ <del>X</del> | - F            |                | No. Ob  | ·       |         | -           | 32 F         | Mean I       |             | 73 F                                             | h Temperati    |              |               | Total         |
| Dry Bulb           |                  |       |       | <del> </del> |                | -+- |                | <del> </del>   |                |         |         | ≤ 0 1   | -+-         | 32 F         | ≥ 67         |             | 73 F                                             | 2 80 F         | ≥ 93 F       |               | 10101         |
| Wet Bulb           |                  |       |       |              |                |     |                | <del> </del>   | -+-            |         |         |         |             |              | <del> </del> |             |                                                  | <del> </del> - | <del> </del> | <del></del> - |               |
| Dew Point          |                  | _     | 1     | <del> </del> |                |     |                | $\vdash$       |                |         |         |         | <del></del> | ——           | <del> </del> | -+-         |                                                  | <del></del>    | +            |               | —             |

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

609834

409283

15731

### **PSYCHROMETRIC SUMMARY**

90

FORT SMITH NWT DOT APT 57-66 26102 STATION NAME PAGE 2 2100-2300 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point -16/-17 -18/-19 -20/-21 -22/-23 -26/-27 Ž 9.649.226.910.1 3.4 900 900 900 900 71.112.420 25.912,596 23.411.387 17.512.223 Element (X) No. Obs. Mean No. of Hours with Temperature 23321 21070 3,6 57,2 4,3 69,9 11,3 85,7 4690789 900 Rel. Hum. ≥ 67 F = 73 F = 80 F = 93 F 900 90 746937 Dry Bulb

900

REVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-5 (OL A) FORM JUL 64

Wet Bulb

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAG

# **PSYCHROMETRIC SUMMARY**

| 5102<br>STATION          | Fijk  | T SM       | ITH     |       | DOT   |          | ·            | ·         |          | 57-6              | 6      |         |              |          | YEARS         |          |             |                                               |          | MON.     |         |
|--------------------------|-------|------------|---------|-------|-------|----------|--------------|-----------|----------|-------------------|--------|---------|--------------|----------|---------------|----------|-------------|-----------------------------------------------|----------|----------|---------|
|                          |       |            |         | •     |       |          |              |           |          |                   |        |         |              |          |               |          |             | PAGE                                          | 1        | COOD.    | -020    |
| Temp.                    |       |            |         |       |       |          |              | EMPERA    |          |                   |        |         |              |          |               |          |             | TOTAL                                         |          | TOTAL    |         |
| (F)                      | 0 .   | 1 - 2      | 3 - 4   | 5 - 6 | 7 - 8 |          |              | 13 - 14 1 | 5 - 16   | 17 - 18 1         | 9 - 20 | 21 - 23 | 2 23 - 2     | 4 25 - 2 | 6 27 -        | 28 29    | 30 ≥ 31     | D.B. W.B.                                     | Dry Bulb | Wet Bulb | Dew Po  |
| 50/ 59                   |       | ;          |         |       |       | . 2      |              |           | - 1      | {                 | -      |         | (            | 1        | 1             |          | - 1         | 5                                             | 2        |          |         |
| 58/ 57                   |       |            |         |       | .3    | • 3      | • 2          |           | }        |                   |        |         | <del></del>  | -        |               |          |             | , <u>, , , , , , , , , , , , , , , , , , </u> | . 8      |          |         |
| 56/ 55<br>54/ 53         |       |            | •       | .1    |       | . 6      | • 1          |           | i        | 1                 |        |         | 1            | 1        | 1             |          |             | 10                                            | 10       | 1        |         |
| 52/ 51                   |       | . 5        | • 1     | 4     |       |          |              |           |          |                   |        |         | <del> </del> |          | <del> </del>  | -+-      |             | 27                                            | 29<br>27 | 1        |         |
| 50/ 49                   | . 3   | . 8        | . 3     | .9    |       |          |              | 1         |          | 1                 |        |         | 1            | 1        |               | 1        |             | 37                                            | 37       | 15       |         |
| 68/ 47                   |       | . 8        | 1.4     | 1.8   | 2.2   |          |              |           |          | $\longrightarrow$ |        |         | +            | +        | +             |          |             | 5 R                                           | 58       | 20       |         |
| 46/ 45                   | . 1   | 1.9        | 1.8     | 1.4   | 9     |          |              |           |          | l                 |        |         |              | 1        |               |          |             | 57                                            | 57       | 45       | 1       |
| 44/ 43                   |       | 1.8        | 3.B     | 2.7   | • 2   |          | +            |           |          |                   |        |         | +-           | +        | +             | +        |             | 81                                            | 81       | 57       | <u></u> |
| 42/ 41                   | . 9   | 2.2        | 2.7     | 1.7   | , 9   |          |              |           | -        | ĺ                 |        |         |              |          | i             |          |             | 77                                            | 77       | 91       | 2       |
| 0/ 39                    | . 3   | 2.6        | 3.7     | 1.5   | • 1   |          |              |           |          |                   |        |         | 1            |          |               |          |             | 76                                            | 76       |          | 5       |
| 38/ 37                   | . 3   | 2.6        | 4.1     | 2.2   | • 1   |          |              |           | 1        |                   |        |         |              |          |               |          | -           | 86                                            | 86       | 81       | 6       |
| 36/ 35                   | . 3   | 2.3        | 4.0     | 1.0   |       |          |              |           |          |                   |        |         |              |          |               | 1        |             | 72                                            | 72       | 86       | - 8     |
| 4/ 33                    | 1     | 2.4        | 3.0     | . 5   |       |          |              |           |          |                   |        | <u></u> |              |          | <u> </u>      |          | 1           | 58                                            | 58       | 80       | 7       |
| 37/31                    |       | 3.0        | 2.6     | .4    |       |          |              |           | ĺ        |                   | ٦      |         |              |          |               |          | ł           | 5 A                                           | 58       | 82       | 7       |
| 0/ 29                    |       | 3.1        | 1.6     | . 1   |       |          |              |           |          |                   |        |         | <u> </u>     |          | -             |          |             | 46                                            | 46       | 62       | 9       |
| 26/ <b>27</b><br>26/ 25: |       | 2.8        | 2.3     | ,     |       |          |              |           |          |                   |        |         | 1            |          | 1             |          |             | 48<br>23                                      | 48       | 60<br>47 | 6       |
| 24/ 23                   | :     | 1.5        | - 4     | •1    |       |          |              |           |          |                   |        |         | <del> </del> |          |               |          |             | 21                                            | 23<br>21 | 25       | 7       |
| 22/ 21                   | 1     | 2.0        | . 2     | .1    |       |          |              |           | - 1      | -                 |        |         |              |          |               |          |             | 22                                            | 22       | 30       | 4       |
| 07 19                    | . 2   | - 3        | - 6     |       |       |          | <del> </del> |           |          | +                 |        |         | -            | +        | +             |          |             | 7                                             | 7        | 21       | 3       |
| 8/ 17                    | -1    | . 4        | • 1     |       |       |          |              |           | }        | 1                 |        |         |              |          | 1             |          |             | 6                                             | الم      | 4        | 2       |
| 67 15                    | _ 7 = | . 3        | 7 -     |       |       |          |              |           |          |                   |        |         | +            | -+       | <del></del> - | $\dashv$ |             | - 3                                           | 3        | 7        |         |
| 4/ 13                    | İ     | . 3        | :       |       |       |          | [            | . )       |          | j                 |        |         |              |          |               |          |             | 3                                             | 3        | 2        | 1       |
| 27 11                    | . 2   | . 8        |         |       |       |          | <u> </u>     |           |          |                   |        |         | +            |          |               | $\neg$   |             | 9                                             | 9        | 7        |         |
| 10/ 9                    |       | . 4        |         |       |       |          | ]            |           |          |                   |        |         |              | 1        | ļ             | j        |             | 4                                             | 4        | 7        |         |
| 87 7                     | • 1   | ;          |         |       |       |          | 1            |           |          |                   |        |         | T            | $\top$   |               | $\top$   |             | 1                                             | 1        | 2        |         |
| 6/ 5                     | . 1   |            |         |       |       |          | L            |           |          | }                 |        |         | L.           |          |               |          |             | 1                                             | 1        | 1        |         |
| 4/ 3                     |       | i          |         |       |       |          |              |           |          |                   |        |         |              |          |               |          |             |                                               |          |          | 1       |
| 2/ 1                     |       | · -        |         | 1 R z |       | -        |              |           |          |                   |        |         |              |          |               | 4-       |             | 1                                             |          | <b> </b> |         |
| JTAL                     | 9.03  | 7.73       | 7 9 a L | 13.4  | 8.7   | 2.6      | 1.5          |           |          | - 1               |        |         |              |          |               |          |             | 930                                           | 930      |          | 93      |
|                          |       |            |         |       |       |          |              | -+        |          |                   |        |         | +-           |          | +-            | +        |             | 930                                           |          | 930      |         |
| lement (X)               | Σ     | <b>X</b> 2 |         |       | Z X   | <u> </u> | X            | -         | $\dashv$ | No. Obs           | . 1    |         |              |          | Med           | n No. s  | of Hours wi | th Temperat                                   | re       |          |         |
| et. Hum.                 |       | 4876       | 132     |       | 660   | 84       |              | 14,01     | 0        | 73                | 0      | ± 0     | F            | ± 32 F   |               | 67 F     | ≥ 73 F      | ≥ 80 F                                        | ≥ 93 F   | - T      | otal    |
| ry Bulb                  |       | 141        | 7771    |       | 352   |          | 37,9         | 9.39      | 0        | 91                | 10     |         | -+           | 25.      | 2             |          |             | <del> </del>                                  |          |          | 9       |
| Ver Bulb                 |       |            | 165     |       | 319   |          | 34.3         | 8.13      | 8        | 73                | 10     |         | $\neg$       | 35.      |               |          |             | T                                             |          | $\top$   | 9       |
| Dew Point                |       | 847        | 7067    |       | 268   | 35       | 28.9         | 8.84      | 9        | 93                | 0      |         |              | 58.      | 9             |          |             | T                                             | 1        |          | 9       |

USAFETAC FORM 0-26-5 (OLA) BENISED MENOUS EDITIONS OF THIS FORM ARE CALCULATED.

| 6102         | FIJAT S | MITH     |       | TODE                                             |          |          |              |           | 7-66           |                                                  |         |                                                  | EARS         |              |                                                  |          |          | MON      | AY<br>NTH |
|--------------|---------|----------|-------|--------------------------------------------------|----------|----------|--------------|-----------|----------------|--------------------------------------------------|---------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|----------|----------|----------|-----------|
|              |         |          | _     |                                                  | <u>-</u> |          |              |           | _              |                                                  |         |                                                  |              |              |                                                  | PΔ       | SE 1     | 0300     | -050      |
| Temp.        |         |          |       |                                                  |          |          | TEMPERAT     |           |                |                                                  |         |                                                  |              |              |                                                  | TOTAL    |          | TOTAL    |           |
| ( <b>F</b> ) | 0 1 - 2 | 3 - 4    | 5 - 6 | 7 - 8                                            | 9 - 10   |          | 13 - 14 15   | - 16 17 - | 18 19 - 20     | 21 - 22                                          | 23 - 24 | 25 - 20                                          | 6 27 - 28    | 29 - 3       | 2 31                                             | D.B./W.8 | Dry Bulb | Wet Bulb | Dew Po    |
| 58/ 57       | 1       |          | i     |                                                  |          | • 1      |              |           |                | 1                                                |         | 1                                                | İ            |              |                                                  |          | 1        |          |           |
| 56/ 55       |         | i        |       | • 1                                              |          | . 2      |              |           |                | L                                                |         | <u> </u>                                         |              | <u> </u>     | 1                                                |          | 3 3      |          |           |
| 54/ 53       |         | اند      | آءِ . | • 1                                              | _        |          | . 1          |           |                |                                                  |         | ĺ                                                | İ            | 1            |                                                  | 1 .      | <u> </u> |          | i         |
| 52/ 51       |         | • 4      | .5    |                                                  | .3       | • 1      |              |           |                |                                                  |         | <u> </u>                                         | <u> </u>     |              | -                                                | 1        | 1        |          |           |
| 8/ 47        | .5 .6   | • 7      | 1.2   |                                                  | . 1      |          |              |           |                |                                                  |         |                                                  | 1            |              |                                                  | 2        |          |          |           |
| 6/ 45        | 1 1.0   |          | 1.0   | F 1                                              | • •      |          |              | i         |                | ļ                                                |         |                                                  |              |              | <del>                                     </del> | 4        | -        |          |           |
| 4/ 43        | 1.9     |          | 1,7   |                                                  |          |          | [ [          | ĺ         |                | ĺ                                                |         | ĺ                                                | 1            |              | 1                                                | 5        |          |          |           |
| 2/ 41        | .8 3.5  | - ·      | 1     | .4                                               |          |          | <del> </del> | _         |                | ļ                                                |         | <del></del> -                                    | +            | <b></b>      | +                                                | 6        |          | 1 - 1    | •         |
| 0/ 39        | .6 3.3  | 1        | 1.6   |                                                  |          |          |              |           |                |                                                  |         |                                                  |              |              |                                                  | 8        |          |          | _         |
| 8/ 37        | .8 4.8  |          |       | <del>                                     </del> |          |          |              |           | <del></del>    | <del> </del>                                     |         | <del> </del>                                     | +            | -            | -                                                | 10       |          | 1 - 71   |           |
| 6/ 35        | 8 4.2   |          | . 3   | . 1                                              |          |          |              |           |                |                                                  |         |                                                  |              |              | 1                                                | 96       |          |          | 7         |
| 4/ 33        | 1.0 4.2 |          | .5    |                                                  |          |          |              |           | +              | +                                                | -       |                                                  | +            | <del> </del> | +                                                | 8        |          |          |           |
| 2/ 31        | 1.d 3.5 |          | . 5   | 1                                                |          |          |              |           |                |                                                  |         |                                                  |              | 1            | 1                                                | 7        |          |          |           |
| 0/ 29        | .3 4.2  |          | .3    |                                                  |          |          | -            |           |                | -                                                |         | +                                                | +            | <del> </del> | +                                                | 6        |          | 1 1      | 9         |
| 8/ 27        | .2 2.8  | 1.3      | . [   |                                                  |          |          | <b>1</b>     | ĺ         |                |                                                  | {       | ſ                                                | 1            | [            | ĺ                                                | 4        | 40       | 69       |           |
| 67 25        | .1 Z.6  | 1.2      |       |                                                  |          |          |              |           |                | <del> </del>                                     |         | <del>                                     </del> | +            | <del> </del> | +                                                | 30       | -        |          | 7         |
| 4/ 23        | .1 2.4  |          |       | i                                                |          |          |              |           |                |                                                  |         |                                                  |              |              |                                                  | 2        | 2 2 5    | 41       | 5         |
| 27 21        | .3 1.0  |          |       |                                                  |          |          |              |           |                | <del>                                     </del> |         |                                                  | <del> </del> |              |                                                  | 1        | 14       | 28       | 4         |
| C/ 19        | 1.7     |          |       | ! i                                              |          |          | i l          |           | ŀ              |                                                  |         |                                                  | ŀ            | 1            |                                                  | 1        | 3 1.5    | 20       | 3         |
| 87 17        | .5 1.2  |          |       | i i                                              |          |          |              |           | - <del> </del> | T                                                |         |                                                  | 1            |              |                                                  | 1        | 7 17     | 16       | 4         |
| 6/ 15        | .2 .4   |          |       |                                                  |          | i        |              |           |                |                                                  |         |                                                  |              | i            |                                                  |          | 5 6      | 11       | 3         |
| 4/ 13        |         | ·- · •   | •     | 1                                                |          |          | ,            |           |                | 1                                                |         |                                                  | <b>T</b>     | <b> </b>     |                                                  | 1        |          | 3        | 2         |
| 2/ 11        | • 1 • 2 |          |       |                                                  |          |          |              |           |                | 1                                                |         |                                                  |              |              |                                                  | [ :      | 3        | 2        | 1         |
| 07 9         | - 4 .3  |          |       |                                                  |          |          |              |           |                | T                                                |         |                                                  |              |              |                                                  |          | 7        | 6        |           |
| 8/ 7         | •1 •2   |          |       | !İ                                               |          |          | ll           |           |                |                                                  | l       |                                                  |              | ł            |                                                  |          | 3 3      | 4        |           |
| 6/ 5         | .6 .1   |          |       |                                                  |          |          |              |           |                |                                                  |         |                                                  |              |              |                                                  |          | 7        | -        |           |
| 4/ 3         |         |          |       |                                                  |          |          | <b></b>      |           |                |                                                  |         |                                                  | <u> </u>     |              | $\perp$                                          | <u> </u> | <u>.</u> | Li       |           |
| 2/ 1         | • 1     |          |       |                                                  |          |          |              |           |                |                                                  |         |                                                  | 1            |              |                                                  | 1        | 1        | 1        | 1         |
| 0/ -1        |         | !<br>4 4 |       | ļļ                                               |          |          |              |           |                | <del> </del>                                     |         |                                                  | 1            | ļ            | <del></del>                                      |          |          | <u> </u> |           |
| ITAL         | 8.744.7 | 20.4     | 11.5  | 3.4                                              | . 8      |          |              |           |                | 1                                                |         | 1                                                | 1            |              |                                                  | 1        | 930      |          | 93        |
|              | 700     | 20.7     | 1100  |                                                  |          | . 4      | 1            |           |                |                                                  |         | <b>⊢</b> _                                       | -            | <u> </u>     | ļ                                                | 930      | + -      | 930      |           |
| [            |         |          |       |                                                  |          |          |              |           |                |                                                  |         |                                                  |              |              |                                                  | 7.5      | 1        | 730      |           |
| lement (X)   | Σχ,     | L        |       | Z x                                              | 1        | <u> </u> |              | l Na      | Obs.           |                                                  | 1       | <u> </u>                                         | Maga         | No of t      | laure wit                                        | h Temper | 1        | Щ        |           |
| el. Hum.     |         | 8470     | ·     | 708                                              | 14       |          | 12.948       |           | 930            | = 0                                              | F       | 1 32 F                                           | meon<br>≥ 67 |              | 73 F                                             | > 80 F   |          | <u> </u> | <br>Total |
| ry Bulb      |         | 5794     |       | 327                                              |          |          | 8.928        |           | 930            |                                                  | '       | 31.                                              |              | +            | - /31                                            | - 00 F   | - 73     |          | 9         |
| er Bulb      |         | 4007     |       | 302                                              |          |          | 8.080        |           | 930            |                                                  | _       | 42.                                              |              | -+-          |                                                  |          |          |          | 9         |
| ew Point     | 80      | 7230     |       | 261                                              |          |          | 8.892        |           | 930            | L                                                | . 4     | 02.                                              |              |              |                                                  | +        |          |          | 9         |

USAFETAC FORM 0.26-5 (OLA) REVISED MEYICOUS EDITIONS OF THIS K-CIRM ARE CIRCULATED

| 6102<br>STATUS | Fa    | ŔΤ.S            | HI IH    |          | DUT        |             |               |         | 57           | -66         |              |         | YF      | ARS     |                  |            |               |              |                 | AY       |
|----------------|-------|-----------------|----------|----------|------------|-------------|---------------|---------|--------------|-------------|--------------|---------|---------|---------|------------------|------------|---------------|--------------|-----------------|----------|
|                |       |                 |          |          |            | -           |               |         |              |             |              |         |         |         |                  | p          | AGE           | 1            | 0600            |          |
| Temp.          |       |                 |          |          |            | WET         | BULB T        | EMPERA  | TURE DEP     | RESSION     | (F)          |         |         |         |                  | T01        | AL            |              | TOTAL           |          |
| ( <b>F</b> )   | 0     | 1 - 2           | 3 - 4    | 5 - 6    | 7 - 8      |             |               |         | 5 - 16 17 -  |             |              | 23 - 24 | 25 - 26 | 27 - 28 | 9 - 30           |            |               | ry Bulb      |                 | Dew Po   |
| 667 63         |       |                 |          |          |            |             |               | • 2     | -            |             |              |         |         |         |                  |            | 2             | 2            |                 | T        |
| 64/ 63         |       |                 |          |          | 1          | ĺ           | • 1           | 1       | ì            | 1           | 1            |         |         |         | i                |            | 1             | 1            |                 |          |
| 52/ 61         |       |                 |          | !        |            | . 3         | . 3           |         |              |             |              |         |         |         |                  |            | 6             | 6            |                 |          |
| 0/ 59          |       |                 |          | 4        | . 3        | . 4         | . 4           |         |              |             | 1            |         |         |         |                  |            | 11            | 11           |                 | ļ        |
| 58/ 57         |       |                 |          | •        | - 4        | • 9         | . 3           |         |              |             |              |         |         |         | T                |            | 15            | 15           |                 |          |
| 6/ 55          |       |                 | الم والم | . 1      |            | 1.3         | . 3           |         |              |             |              |         |         |         |                  |            | 23            | 23           |                 |          |
| 7 53           |       | z               |          |          |            |             | . Z           | ĺ       |              | i           |              |         |         |         |                  |            | 36            | 36           | 1               |          |
| 2/ 51          |       | - 1             | 1.2      |          | =1         |             | • 1           |         |              | <del></del> |              |         |         |         |                  |            | 37            | 37           | 12              |          |
| 8/ 47          | . 1   | 1               |          |          |            | . (         | . 2           |         |              | 1           |              |         |         |         |                  |            | 67            | 63<br>67     | 20              | 1        |
| 0/ 45          | - : 2 |                 | !        | 1.3      | 1.2        | • 6         | 1             |         |              |             | +            |         |         | -       |                  |            | 50            | 60           | 41<br>53        |          |
| 4/ 43          | . 1   | 9               |          | 7 1      |            | .1          | • 1           |         |              |             |              |         |         |         |                  |            | 80            | 80           | 79              |          |
| 2/ 41          | - : 2 | 2.5             |          | 3.1      |            | -:1         |               |         |              | +-          | +!           |         |         |         |                  |            | 78            | 78           | 88              |          |
| 0/ 39          | . 9   |                 | 1.9      | 3.1      | . 8        | •           | 1             | +       |              |             | 1 1          |         |         | 1       | - 1              | 1          | 83            | 83           | 96              |          |
| 8/ 37          | 4     | 1.8             |          | 1.4      | • 1        |             |               |         | -            | <del></del> |              |         |         |         |                  |            | 62            | 62           | 88              |          |
| 6/ 35          | . 1   | 2.2             |          | 1.4      | ž          |             | ĺ             |         |              |             |              |         |         |         |                  |            | 61            | 61           | 83              |          |
| 4/ 33          | . 8   | 2.3             |          | . 6      |            | +           |               |         |              | +           | +            |         |         |         |                  | -          | 65            | 65           | 83              | 1        |
| 2/ 31          | . 1   |                 |          | . 3      | [          |             |               | }       |              | 1           |              |         |         |         | - 1              | ĺ          | 43            | 43           | 72              |          |
| 0/ 29          | • 2   | 1.2             | 1.9      | . 3      |            |             |               |         |              |             | + +          |         |         |         |                  |            | 34            | 34           | 70              |          |
| 8/ 27          |       | 1.2             | 1.0      | - 1      | ŀ          | ļ           | i             |         |              |             | [ [          | 1       |         | ĺ       | - 1              |            | 21            | 21           | 25              |          |
| 6/ 23          | · :   | 1.5             | . 5      |          |            |             |               |         |              |             |              |         |         |         | — <del>†</del> - |            | 19            | 19           | 32              | 7        |
| 4/ 23          | :     | 1.2             | . 2      |          |            |             | ł             |         | 1            |             |              |         |         |         |                  |            | 13            | 13           | 24              | 1        |
| 2/ Z1          | . 2   | . 0             | • 1      |          |            |             |               |         |              | 1           |              |         |         |         |                  |            | 10            | 10           | 14              |          |
| 0/ 19          | - 1   |                 |          | i        | ł          |             |               | - !     |              | 1           |              | ,       |         |         |                  | -          | 16            | 16           | 13              |          |
| 8/ 17          |       | . 2             |          |          |            |             |               |         |              |             |              |         |         |         |                  |            | 3             | 3            | 11              |          |
| 6/ 15          |       | . 9             |          |          |            |             |               |         |              |             |              |         |         |         |                  |            | 8             | 8            | 4               | 1        |
| 4/ 13          | • 1   | • 1             |          |          |            | i           | 7             |         |              |             |              |         |         |         |                  |            | ?             | 2            | 9               |          |
| 2/ 11          |       | . 3             |          |          |            |             |               |         |              |             | $\perp$      |         |         |         |                  |            | 3             | 3            | 2               | 1        |
| 07 9           | •Í    | . 5             |          |          |            | 1           |               | 1       |              | 1           |              | - 1     |         |         | 1                | 1          | 5             | 5            | •               | 1        |
| 8/ 7           | . • 1 |                 |          |          |            |             |               |         |              | $\bot$      | <b></b>      |         |         |         |                  |            | 1             | 1            |                 | <u> </u> |
|                | 1     | ٠ 2             |          | l<br>i   |            | ļ           | ,             |         |              | ĺ           |              |         |         |         |                  |            | 2             | 2            | 1               | 1        |
| 4/ 3<br>2/ 1   |       |                 |          |          |            |             |               |         |              | <del></del> | 1            |         |         |         | <u></u>          |            | $\rightarrow$ |              | 1               | L        |
| 0/ -1          | i     | 1               | '        |          |            |             |               |         |              | 1           |              |         |         |         | - 1              | 1          | 1             |              |                 | 1        |
| ement (X)      |       | Σχ <sup>į</sup> |          | <u> </u> | έχ         | <del></del> | <del>  </del> |         | No.          | 26.         | ╃            |         |         | 4       | -614             | T          |               |              |                 | Щ_       |
| I. Hum.        |       | ~ X.            |          |          | - <u>x</u> |             | X             | - · · · | HO.          | JD\$.       | ± 0 F        |         | 32 F    | Mean No | $\overline{}$    | s with Tem | 0 F           | re<br>≥ 93 F |                 | Total    |
| y Bulb         |       |                 |          |          |            |             |               |         | <del> </del> | •           | 2 U F        | + -     | 32 F    | E 6/1   | + 2 7            | * * * 8    | V P           | 2 93 F       |                 | 1 0101   |
| er Bulb        |       |                 |          |          |            |             |               |         | +            |             | <del> </del> | +       |         |         |                  |            |               | <del> </del> |                 |          |
| ew Point       |       |                 |          |          |            | $\dashv$ —  |               |         |              |             | <del></del>  |         |         | l       |                  |            |               | L            | $-\!\!+\!\!\!-$ |          |

USAFETAC FORM 0.26-5 (OL.A) BEVISED MEVICOS EDITORS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

26102 FURT SMITH NET DOT APT 57-66 MAY PAGE 2 0600-0800

| Temp.                    |      |                |          |              |                |              |              |                |             | EDEPRE       |         |            |      |                                                  |                                        |          |        |         | TOTAL        |          | TOTAL    |              |
|--------------------------|------|----------------|----------|--------------|----------------|--------------|--------------|----------------|-------------|--------------|---------|------------|------|--------------------------------------------------|----------------------------------------|----------|--------|---------|--------------|----------|----------|--------------|
| (F)                      | 0    | 1 - 2          | 3 - 4    | 5 - 6        | 7 - 8          | 9 - 10       | 11 - 12      | 13 - 14        | 15 - 16     | 17 - 18      | 19 - 20 | 21 - 22 23 | - 24 | 25 - 2                                           | 6 27 -                                 | 28 29    | 9 - 30 | ≥ 31    | D.B. W.B.    | Dry Bulb | Wer Bulb | Dew Por      |
| -2/ -3                   |      | -              | 1        | 7            | 1              |              | 2.2          |                | 1           |              |         |            |      |                                                  |                                        |          |        |         |              | 930      |          |              |
| UIAL.                    | .7 6 | 400            | 20.      | 21.          | 1200           | 7 • (        | 4.6          | • 6            |             |              |         |            |      | <u> </u>                                         | 4                                      |          |        |         | 930          |          | 930      | 930          |
|                          |      |                | 1        | 1            | İ              | 1            | 1            | 1              | ĺ           | 1 1          | ĺ       | 1          |      | ľ                                                | İ                                      | - 1      | i      |         | 720          |          | טפר      | 1            |
|                          |      |                |          | ļ            | ļ              |              | ļ            | ļ              | ļ           |              |         | _          |      | ļ                                                |                                        |          |        |         |              | L        |          |              |
|                          |      |                |          | i            | !              | ĺ            |              |                | 1           |              |         |            |      |                                                  |                                        |          |        |         |              |          |          |              |
|                          |      |                | 1        | 1            | i              | <u>l</u>     | i            |                | L           |              |         |            |      | İ                                                |                                        |          |        |         |              |          | i        |              |
| :                        |      |                | I.       | 1            | 1              |              |              | 1              |             |              | į       |            |      |                                                  |                                        | 1        |        |         | 1            |          |          | -            |
|                          |      |                |          | i            | 1              |              | ì            |                |             |              | _       |            |      |                                                  |                                        |          |        |         |              |          |          | 1            |
|                          |      | •              |          | 7            | i              |              |              |                |             |              |         |            |      |                                                  |                                        |          |        |         |              |          |          | •            |
| :                        |      |                |          | :            |                |              | 1            |                |             |              | - 1     |            |      |                                                  |                                        | i        |        |         |              |          |          |              |
|                          |      |                | +        | 1            | 1              | -            | 1            |                |             |              |         |            |      |                                                  | +-                                     | <u> </u> |        |         |              |          |          | . – –        |
|                          |      |                |          | i            | 1              | 1            | 1            | 1              | 1           | 1            | ł       |            |      | 1                                                |                                        | - }      |        |         |              |          |          |              |
|                          |      |                |          | 1            | <del></del>    | +            | <del> </del> | -              | <u> </u>    | 1- 1         |         |            |      | <del>                                     </del> | +                                      |          |        |         |              |          | _        | •            |
|                          |      | 1              |          |              | i              | 1            |              |                |             |              |         |            |      |                                                  | }                                      | - !      |        |         |              |          |          |              |
|                          | -    | ,              | 1        | }            | <u> </u>       | +            | +            | <del> </del> - | +           | +            |         |            |      | <del> </del>                                     | +                                      | -+-      |        | <b></b> | <del> </del> |          | ·        | ļ            |
|                          |      |                |          | ì            | ì              | 1            |              |                |             |              | 1       |            |      |                                                  |                                        |          |        |         |              |          |          | i            |
|                          |      |                |          | ļ            | -l             | ļ —          |              | ļ              | 1           |              |         |            |      |                                                  |                                        |          |        |         |              |          |          | ļ            |
|                          |      |                | ,        |              | ļ              |              | 1            | 1              | ļ           |              | - 1     | - 1        |      | ļ                                                | 1                                      |          |        |         | ļ            |          |          | 1            |
|                          |      |                |          |              | <del>-</del>   | <u> </u>     |              |                | 1           | 1            |         |            |      |                                                  | <u> </u>                               |          |        |         |              |          | Ĺ        | L            |
|                          |      |                |          |              |                | 1            |              | ļ              |             | 1 1          |         |            |      |                                                  |                                        |          |        |         | -            |          | 1        |              |
|                          |      |                |          |              |                | 1            |              |                |             | 1            |         |            |      | <u> </u>                                         |                                        |          |        |         |              |          |          | 1            |
|                          |      |                |          |              |                |              |              |                |             |              |         | i          |      |                                                  |                                        |          |        |         |              |          |          |              |
|                          |      |                |          |              |                | i            | 1            | İ              |             | 1 1          |         |            |      |                                                  |                                        |          |        |         | ļ            |          |          |              |
| •                        |      |                |          |              | 1              | 1            |              |                |             |              |         |            |      |                                                  | 1                                      |          |        |         |              |          |          | †            |
|                          |      |                |          |              | İ              |              |              | ŀ              |             |              | 1       |            |      |                                                  |                                        |          |        |         | 1            | ĺ        |          | ĺ            |
|                          | -    | •              |          |              | 1              | <del> </del> |              |                |             |              |         |            |      |                                                  | +-                                     | $\dashv$ |        |         | †            |          |          |              |
|                          |      | '              | }        |              |                | ł            |              |                |             | 1            |         |            |      |                                                  |                                        |          |        | 1       |              |          | İ        | !            |
|                          |      |                | +        |              |                | +            | +            | <del> </del>   | <del></del> | +            |         |            |      | <del></del>                                      | +-                                     | +-       |        |         | <del> </del> |          | <u> </u> | <del></del>  |
|                          |      | -              |          | 1            |                |              | ĺ            | 1              |             |              |         | - 1        |      |                                                  |                                        |          |        |         |              |          |          |              |
|                          |      | •              | 1        | -            | +              | +            | +            |                | -           | +            |         |            |      | <del> </del>                                     | +-                                     | $\dashv$ |        |         | <del> </del> |          |          | <del> </del> |
|                          |      |                | i        |              |                |              |              | i              | 1           |              | 1       | 1          |      | [                                                |                                        |          |        | 1       | (            | Ì        |          | 1            |
|                          |      | -i             |          | ļ            | +              | +            |              | -              | ₩-          | ╁            |         |            |      | <del> </del> -                                   | -                                      | +        |        | L       | <del> </del> | <u> </u> |          | <del> </del> |
| 1                        |      | ;              | 1        |              |                |              |              |                |             | 1            |         |            |      |                                                  |                                        |          |        |         |              |          |          |              |
|                          |      | ļ <del>-</del> | <b></b>  | ļ            | +              | <del></del>  |              | ļ              | -           | 1            |         |            |      |                                                  | _                                      | +        |        |         | <u> </u>     | L        |          | <b>├</b> — - |
| Ì                        |      |                |          | İ            |                |              |              |                |             |              |         |            |      |                                                  |                                        |          |        |         |              |          |          | 1            |
|                          |      | بب             | <u> </u> | $\downarrow$ | Ļ              | ┸—           | <u> </u>     | <del></del>    | Ц,          | 1            |         |            |      | <u> </u>                                         | ــــــــــــــــــــــــــــــــــــــ |          |        | L       | <u>L</u>     | <u></u>  | L        | <u> </u>     |
| Element (X)<br>Rel. Hum, |      | Σχ'            | 7181     | R            | Z <sub>X</sub> | 952          | X<br>AT      | 9,             | 84          | No. Ob       | 30      |            |      | - 22 5                                           |                                        |          |        |         | h Temperal   |          | - 1      | <b>.</b>     |
|                          |      |                |          |              |                |              | 40           | 15,0           | 20          | <u></u>      | 20      | ± 0 F      |      | 32 F                                             |                                        | 67 F     |        | 73 F    | ≥ 80 F       | e 93 I   |          | Total        |
| Dry Bulb                 |      |                | 837      |              | 374            |              | 40.2         | 10.0           | 103         | <del> </del> | 30      |            |      | 18.                                              |                                        |          | —      |         |              |          |          | 9            |
| Wet Bulb                 |      |                | 224      |              | 33             |              |              | 8.3            |             | Y            | 30      |            |      | 28,                                              |                                        |          | 1_     | -       | <u> </u>     |          |          | 9            |
| Dew Point                |      | 85             | 739      | <b>⊅</b> i   | 270            | 307          | 29.7         | 8.9            | 44          | 9            | 30      |            | b i  | 54.                                              | D)                                     |          | 1      |         | 1            | 1        | l l      | 9            |

HORM 0.26-5 (OLA)

26102 FURT SMITH NINT OUT APT 57-66 MONTH

PAGE 1 0900-1100
HOURS CL SUT.

|          |     |     |       |       |       |       |        |         |                                              |         |          |           |            |     |         |          |          |      |           |          | HOURS    | . s. t.  |
|----------|-----|-----|-------|-------|-------|-------|--------|---------|----------------------------------------------|---------|----------|-----------|------------|-----|---------|----------|----------|------|-----------|----------|----------|----------|
| Temp     |     |     |       |       |       | _ ,   |        |         | EMPER.                                       |         |          |           |            |     |         |          |          |      | TOTAL     | L        | TOTAL    |          |
| (F )     |     | С.  | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14                                      | 15 - 16 | 17 - 18  |           |            |     | 25 - 26 | 27 - 28  | 29 - 30  | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Poir |
| 78/      |     |     |       |       |       |       | 1      | ı i     | i                                            |         | ١.       | • 1       | .1         | 1   | İ       |          |          |      | 7         | 2        |          |          |
| 76/      |     |     |       |       |       |       |        |         |                                              |         | • 1      | 1         |            |     | l       | 1        |          |      | 1         | 1        |          |          |
| 74/      |     |     |       |       |       |       | i      | i i     |                                              |         | • 1      |           |            |     |         |          |          | İ    | 2         | 2        |          |          |
|          | 71  |     |       |       |       |       | !      | :       | <u>.                                    </u> |         | 3        |           | i          |     |         |          |          |      | 5         | 5        | L ::     | _        |
|          | 59  |     |       |       | i     |       |        |         | - 4                                          | • 4     | • 1      |           | -          |     | 1       | 1        |          |      | 9         | 9        |          |          |
|          | 67  |     |       |       | _ !   | 1     |        | • 1     | • 4                                          | . 8     |          |           | ·          |     |         |          | 1        |      | 17        |          |          |          |
|          | 65, |     |       |       | i     | Ī     | . 1    | . 5     | 1.1                                          | 9       |          | -         |            |     |         |          |          | ]    | 25        |          |          |          |
|          | 63  |     |       | i     |       | i     | • 1    | . 5     | . 9                                          | . 8     |          |           | l<br>L     | i   |         |          | ì        |      | 21        |          | l ı      |          |
| 627      |     |     |       |       | آءِ آ | • 2   | . 3    | 1.7     | 1.4                                          | • 2     |          |           |            |     |         |          |          |      | 36        |          |          |          |
| 60/      |     |     |       | 1     | • 1   | • 2   | 1.2    |         |                                              | • 1     |          |           |            | L   |         |          | <u> </u> | Ĺ    | 46        |          |          |          |
| 58/      |     |     |       |       | . 3   | . 2   | 1.8    | 2.0     |                                              | _       | _        |           |            |     |         |          |          |      | 51        |          | 4        |          |
| 56/      |     |     |       | • 2   | - 4   | 1.4   | 2.8    | . 8     | . 5                                          |         |          | <u>L_</u> | L_         |     |         | <u> </u> |          | L    | 57        |          | 8        |          |
| 34/      |     |     | -1    | . 4   | • 4   | 1.7   | 1.9    | 7 - 5   |                                              |         |          |           |            |     |         |          |          |      | 58        |          | 27       |          |
| 52/      |     |     | • 1   | . 3   | . 3   | 1.8   | 1.4    | . 5     |                                              |         | L        |           |            | L   |         |          |          |      | 48        | ,        |          |          |
|          | 49  |     | ·Ţ    | • 1   | 1.5   | 1.1   | 1.8    | . 6     | 1                                            |         |          |           |            |     |         |          |          | 1    | 50        |          | 68       |          |
|          | 47  | • 1 | 3     | . 9   | 1.2   | 2.3   | 1.1    | . 6     | l l                                          |         | <u></u>  |           |            |     |         | 1        | _        | 1    | 60        |          |          | 13       |
|          | 45  |     | • 5   | . 5   | 1.3   | 2.3   | 1.0    |         |                                              |         |          | [         |            |     |         |          |          |      | 54        |          | 86       | 14       |
|          | 43  |     | . 5   | 1.5   | 2.9   | 1.0   | . 5    | . 1     |                                              |         |          |           |            | l   |         | 1        |          |      | 69        |          | 71       | 2 3      |
|          | 41  | • 1 | 1.2   | . 6   | 1.7   | 1.4   | • 1    |         |                                              |         |          |           |            |     |         |          |          | i -  | 49        | , -      | 71       | 39       |
|          | 39  | • 2 | 2 • 2 | 1.1   | 1.0   | 1.2   |        |         |                                              |         |          |           | i          |     |         |          |          |      | 58        | 1        | 97       | 61       |
|          | 37  |     | . 9   | 1.7   | 1.0   | • 5   | Ī      |         | 7                                            |         | 1        |           |            | 1   |         | 1        |          |      | 44        | 44       | 85       | 94       |
|          | 35  | • 2 | . 3   | 2.5   | . 8   | • 2   |        | 1       |                                              |         |          |           |            | _   |         | 1        |          |      | 37        |          |          | 88       |
|          | 33, | • 1 | 1.1   | 1.2   | 1.0   | • 1   |        |         |                                              |         |          |           |            |     |         |          |          |      | 32        |          | 58       | 76       |
| 32/      | 31  | • 2 | . 9   | 1.1   | . 5   | i     |        |         |                                              |         | Ĺ        |           |            |     | i       | i        | İ        |      | 25        |          | 53       | 75       |
|          | 29: | i   | • 8   | . 4   | - 4   | j     |        | . ]     |                                              |         | I        |           |            |     |         |          |          |      | 15        |          | 32       | 79       |
|          | 27  |     | • 3   | 1.1   | . 2   |       |        |         |                                              |         |          |           | ĺ <u>.</u> |     | ļ       | <u> </u> | l        | L    | 17        | 17       |          | 73       |
|          | 52. |     | . Z   | . 5   | . 2   | j     |        |         |                                              | _       |          |           |            |     |         |          |          |      | 9         | 9        | 15       | 78       |
|          | 23  |     | . 6   | , 5   | - 1   |       |        |         |                                              |         |          | L         |            | Ĺ   |         |          | L        |      | 12        | 12       | 19       | 57       |
|          | ZŢ  |     | . 4   | • 1   |       | Ì     |        |         |                                              |         |          |           |            |     |         |          |          |      | . 5       | 3        | 10       | 29       |
| 20/      | 19  |     | . 2   | . 2   |       | !     |        | L i     |                                              |         |          | L         |            | L., |         |          | L        |      | 4         | 4        | 10       | 28       |
|          | 17  |     | _     | ·I    |       | j     |        |         |                                              |         |          |           |            |     |         |          |          |      | 1         | T        | 3        | 24       |
| 10/      | 15  |     | . 5   |       |       | i     |        |         |                                              |         |          |           |            |     |         |          |          |      | 5         | 5        | 3        | 26       |
|          | 13  |     | • Z   |       |       | j     |        |         | i                                            |         |          |           | _          |     | _       |          |          | _    | 2         | 2        | 4        | 13       |
| 12/      |     |     | • Z   |       |       |       |        |         |                                              |         | <u> </u> |           |            |     |         |          | <u> </u> |      | 2         | 2        | Z        | 12       |
| Element  |     |     | Σχ'   |       |       | Z X   |        | X       |                                              |         | No. Ol   | s.        |            |     |         |          |          |      | h Tempera |          |          |          |
| Rel. Hun |     |     |       |       |       |       |        |         | ·                                            | -       |          |           | ≤ 0        | F_  | ≤ 32 F  | ≥ 67     | F        | 73 F | ≥ 80 F    | ≥ 93 9   | F T      | otal     |
| Dry Bulk | +   |     |       |       |       |       |        |         | L                                            |         |          | 1         |            |     |         | 1        |          |      |           | <u> </u> |          |          |
| Wet Bull | :   |     |       |       |       |       |        |         |                                              |         |          |           |            |     |         | İ        |          |      | <u> </u>  |          |          |          |
| Dew Por  | nt  |     |       | i     |       |       |        |         |                                              |         |          |           |            |     |         | L        |          |      |           |          |          |          |

USAFETAC FORM 0.26-5 (OL.A) REVISED MENOUS EDITIONS OF THIS FOLM AND OBSOURTE

DATA PRUCESSING MIVISION JSAF ETAG AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 6102         | F(  | JKT !       | SMIT  |             | T D         |                |              |              |              |               | 57.          | -66          |               |             |       | <del>V</del> | E ARS    |         |                 |        |              |          | -     | MO       | AY<br>NTH     | -    |
|--------------|-----|-------------|-------|-------------|-------------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|---------------|-------------|-------|--------------|----------|---------|-----------------|--------|--------------|----------|-------|----------|---------------|------|
|              |     |             |       |             |             |                |              |              |              |               |              |              |               |             |       |              |          |         |                 |        | PAG          | E 2      | -     | HOURS    | -116          | 00   |
| Temp.        |     |             |       |             |             |                | WET          | BULB         | TEMPE        | RATUR         | E DEPR       | ESSION       | (F)           |             |       |              |          |         |                 |        | TOTAL        | _        | -     | TOTAL    |               | _    |
| (F)          | 0   | 1 - 2       | 3 - 4 | 5 - 6       | 7.          | 8 9            | - 10         | 11 - 12      | 13 - 14      | 15 - 10       | 17 - 18      | 19 - 20      | 21 -          | 22 23       | - 24  | 25 - 20      | 6 27 - 3 | 28 29 - | - 30            | ± 31   | D.B. W.B.    | Dry B    | ulb 1 | Wer Bulb | Dew P         | Poir |
| 107 5"       |     | •           |       | •           | •           | •              |              |              |              | 1             | 1            | T            |               |             |       |              |          |         |                 |        | ·            | i –      |       | 2        | i             | 4    |
| 8/ 7         |     |             |       |             |             |                |              |              | 1            | į             |              | 1            | 1             |             | l     |              |          | İ       |                 |        | į            |          | :     |          | :             | 6    |
| ·67 · ኝ      |     | •           |       |             |             |                |              |              | !            |               | $^{+-}$      | T            |               |             |       |              |          |         |                 |        | 1            | 1        | -     |          |               | _    |
| 4/ 3         |     |             |       |             |             |                |              |              | ;            | ł             |              |              |               | i           | ŀ     |              | i        |         |                 |        | !            |          |       |          |               | 3    |
| 2/ 1         |     |             | •     | •           | •           | •              |              |              |              | 1 -           | 1            |              | Τ.            |             |       |              | 1        |         |                 |        |              |          | i     | _        | •             | 4    |
| UTAL         | 1.0 | 111.        | 915.4 | <b>816.</b> | 710         | . 21           | 4.2          | 11.4         | 7.           | Ŋ 3.          | 2 1.         | 4 .:         | 5             | . 1         | - }   |              | ĺ        |         |                 |        | ŀ            |          | 3 Q   |          |               | 3 (  |
|              |     |             |       |             | •           |                |              | •            | !            | 1             | 1            |              |               |             |       |              |          |         |                 |        | 930          | <u> </u> |       | 930      |               |      |
| ì            |     |             |       |             |             |                |              | ı            | ì            | 1             | 1            | 1            | 1             | ì           | - 1   |              |          | Ì       | }               |        |              | į        |       |          |               |      |
|              |     | †           | •     | •           | -           | -              |              | · · · · · ·  | <del></del>  | · · · · · · · |              | 1            | 1             | $\top$      |       |              | _        |         |                 |        |              |          | - 1   |          | •             | -    |
| 1            |     |             |       |             |             |                |              | i            | i            | 1             | 1            |              |               |             |       |              | 1        |         |                 |        | 1            |          | 1     |          |               |      |
|              |     |             |       | 7           | 1           | +              |              |              | 1            |               | 1            |              | $\top$        | $\neg$      |       | _            | 1        |         | $\neg \uparrow$ |        |              |          |       |          | •             |      |
|              |     | :           |       |             | 1           |                |              |              | !            |               | 1            |              |               |             |       |              |          |         |                 |        | 1            |          | - 1   |          | :             |      |
|              |     | <del></del> |       |             | <del></del> |                |              | <del></del>  | 1            | 1             | _            | 1            |               | +-          |       |              | $\top$   |         |                 |        |              | 1        |       |          |               |      |
|              |     |             |       |             |             |                |              |              |              |               | 1            |              |               |             | 1     |              | i        |         | Į               |        |              |          | 1     |          | 1             |      |
|              |     | :           |       | •           | 1 -         | - †            |              |              | 1            | 1             | 1            | 1            | -             |             |       |              | 1        |         |                 |        | -            | 1        |       |          | <del></del> - | -    |
|              |     |             |       |             |             | 1              |              |              | 1            | ļ.            |              |              |               | ĺ           |       |              |          |         |                 |        | İ            |          |       |          | i             |      |
|              |     |             | •     |             |             |                |              |              | †            | +             |              | 1            | +             |             |       |              | +        |         | †-              |        | T            | t        |       |          | :             | _    |
|              |     |             |       |             |             |                |              |              | ł            |               | -            | ł            | i             |             |       |              |          |         |                 |        |              |          | i     |          |               |      |
|              |     |             | • • • |             | 1           |                |              | <del> </del> | 1            | +             | <del> </del> | 1            | _             |             |       |              | +-       | +       |                 |        |              | 1        |       |          |               |      |
|              |     |             |       |             |             |                |              |              | Ì            |               |              |              |               | į           |       |              |          |         |                 |        |              |          |       |          |               |      |
|              |     | : -         |       | ;           | 1 -         |                |              |              | <del> </del> | +             |              | <del> </del> | +             | +           |       |              |          |         |                 |        |              | 1        |       |          | t             | _    |
|              |     |             |       |             | -           | i              |              | 1            | 1            | 1             |              | 1            | 1             | -           | ļ     |              | -        |         | - 1             |        | l            | 1        | - 1   |          |               |      |
|              |     | +           |       |             | + -         | <del>- +</del> |              | <del></del>  | +            |               | +            | 1            | _             |             |       |              | +-       |         |                 |        |              | 1        | _     |          | 1             | _    |
|              |     | i           |       |             |             |                |              |              |              |               | i            |              |               | - [         |       |              |          |         |                 |        |              |          | ļ     |          |               |      |
| '            |     |             |       |             |             |                |              | †            | +            | <del> </del>  | +            | 1            | +             |             |       |              |          |         | $\dashv$        |        |              |          |       |          | _             | _    |
| i            |     |             |       |             |             |                |              |              | ĺ            |               |              |              |               | - 1         |       |              | ł        |         |                 |        |              |          |       |          | Ì             |      |
| <del>`</del> |     | +           |       | - k         |             |                |              |              | +            | +             | +            |              | <del> </del>  | +           | _     |              | +        | $\top$  | -               |        | <del> </del> | +        |       |          |               | _    |
|              |     | İ           | 1     | i           |             | - [            |              |              |              | 1             | 1            |              |               |             |       |              |          |         |                 |        |              |          |       |          | -             |      |
|              |     | <del></del> | +     | - +         |             | +              |              | <del> </del> | +-           | +             | <del></del>  | +            | _             | $\top$      |       |              | 1-       |         |                 |        |              | 1-       |       |          | 1             |      |
|              |     |             | 1     | 1           |             |                |              | ĺ            | +            |               |              |              |               |             |       |              |          |         |                 |        | 1            |          | 1     |          |               |      |
| •            |     | + -         | 1     | + ‡         | 1           |                |              | +            | +            | 1 -           | +            | †            |               |             |       |              | +-       | $\neg$  | 一十              |        | †            | t        | +     |          | 1             |      |
|              |     | 1           | :     | :           | 1           |                |              |              |              |               |              |              |               |             |       |              |          |         |                 |        |              |          | i     |          |               |      |
|              |     | L .         | :     | +           |             |                |              |              | +            |               | 1            | †            | +             |             |       |              |          | -       |                 |        |              | <b>†</b> | +     |          | 1             |      |
| !            |     |             |       | 1           | Ì           |                |              |              |              |               |              |              |               |             | i     |              |          | 1       |                 |        |              |          | 1     |          | 1             |      |
| Element (X)  |     | Z x 2       | -     | +           | ZX          |                | $\top$       | X            | 1 .          | -             | No. O        | bs.          | ή             | <del></del> |       |              | Mea      | n No.   | of Hou          | rs wit | h Tempera    | ture     |       |          |               | _    |
| Rei. Hum.    |     | 30          | 4412  | 5           | ŝ           | 078            | 31           |              | 617.         |               |              | 30           |               | 0 F         | Τ,    | 32 F         |          | 67 F    |                 | 73 F   | ≥ 80 F       | · · ·    | 93 F  | 1 .      | Total         |      |
| Dry Bulb     |     | 21          | 9927  | 2           | Ź           | 390            | 4            | 47.          | 211.         | 675           |              | 930          | † <del></del> | <u> </u>    | † - · | 9.           |          | 3.6     |                 | . 5    | +            | -1-      |       | +        |               | 9    |
| We: Rulb     |     |             | 4147  |             |             | 702            |              | 39.1         | 8,           | 541           |              | 930          | $\vdash$      |             | +     | 17.          |          |         | 1               |        | †            | 1        |       | •        |               | 9    |
| Dew Point    |     |             | 3023  |             | _ <u>~</u>  | 824            | <del>-</del> | 70           | 4 B.         | 975           |              | 730          | t             |             |       | 51.          |          |         | t               |        | +            | . +-     | _     | -• • -   | _             | 9    |

USAFETAC FORM 0.26-5 (OLA) REVISIO MENIOUS EDITIONS OF THIS FORM ARE OMORET

DATA PROCESSING DIVISION USAF ETAC AIR FEATTER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 20102     | FORT SMITH NWT DOT APT | 57-66 |        | 4AY                         |
|-----------|------------------------|-------|--------|-----------------------------|
| = grat UN | STATION NAME           |       | PAGE 1 | 1200=1400<br>HOURS E. S. T. |

|              |      | _   |     |          |            |     |                | _   | _   |         |          | 140          | FT 9         | 2111 5 | 2 Y       | EMPE     | - RA     | TUP      | F DI | EPRE  | 551          | ON ( | F)       | _        | _        |          |                                              | _        |        | _        |          |        | T           | OTAL   | Т    |                   | TO             |                                        |       |      |
|--------------|------|-----|-----|----------|------------|-----|----------------|-----|-----|---------|----------|--------------|--------------|--------|-----------|----------|----------|----------|------|-------|--------------|------|----------|----------|----------|----------|----------------------------------------------|----------|--------|----------|----------|--------|-------------|--------|------|-------------------|----------------|----------------------------------------|-------|------|
| Temp<br>(F)  |      |     | -   |          |            |     | <del>_</del> , |     | , T |         | <b>Q</b> | 0 .          | 10           | 11.    | 12        | 3 . 1    | 4 1      | 5.1      | 6 17 | - 18  | 19           | 20   | 21 -     | 22       | 23 -     | 24       | 25 .                                         | 26       | 27 - 2 | 8 2      | 9 - 30   | 2 31   | D.I         | B. W.B | . Dr | y Bulb            | Wer            | ВиІЬ                                   | Dew   | Poir |
| 8 <b>6</b> / |      |     |     |          | ·          |     | <u>.</u>       |     | -   |         | •        | <del>-</del> | -            |        | -         |          | -   -    | •        | -    |       | 1            |      |          |          | _        | 7        |                                              | 1        |        | 1        | . 1      | ,      |             | - 7    | 2    | 2                 |                | <u>.</u>                               |       |      |
| 84 <i>/</i>  |      |     | i   |          |            |     | 1              |     | 1   |         | - }      |              |              |        |           |          |          |          | -    |       |              |      |          |          |          |          |                                              | . 1      | -      | 1        |          | 1      |             | 1      | ι    | ī                 | i              | Į                                      |       |      |
|              |      |     |     |          | •          | _   | :              |     | -   |         | +        |              | -+           |        | +         |          | +        |          |      |       | $\vdash$     |      |          | -1       | _        | 2        |                                              | -        |        |          |          | +      | $\top$      |        | 3    | 3                 | 1              |                                        |       |      |
| 80/          |      |     |     |          |            |     | - 1            |     |     |         |          |              |              |        | ļ         |          | - 1      |          | -    |       |              |      |          | . 1      |          | 3        |                                              |          |        |          |          | 1      |             |        | 4    | 4                 | ,i             |                                        |       |      |
| 78/          |      |     |     |          |            |     | - 1            |     | !   |         |          |              |              |        | -+        |          |          |          |      | - 1   | $\vdash$     | . 3  |          |          |          | 1        |                                              | -+       |        | +        |          | +-     | +           |        | 3    | - 5               | <del>  -</del> |                                        |       |      |
| 767          |      |     |     |          | - 1        |     |                |     |     |         | ļ        |              |              |        | - 1       |          |          |          | ļ    | . 4   |              | . 4  |          | . 1      | •        | •        |                                              | - 1      |        | -        |          |        | -           | ć      | 9    | 9                 | il             |                                        |       |      |
| 74/          |      |     |     |          | :          |     | 1              |     |     |         | i.       |              | <del> </del> |        | _ <u></u> |          |          | -        | 4    |       |              | i    |          |          |          | $\dashv$ |                                              | -+       |        |          |          | +      | +           | T      | 9    | 19                | ╁-             | · ÷                                    |       |      |
| 72/          |      |     |     |          |            |     |                |     | 1   |         | 1        |              | - {          |        |           |          | ,        | 1.       | -!   |       |              | . 4  |          |          |          |          |                                              |          |        |          |          |        |             | 2      |      | 22                |                | 1                                      |       |      |
| 70/          |      |     |     |          |            |     | ,              |     |     |         | _        |              | -            |        | +         |          | 8        | _        | -    | 1.:   |              |      | -        |          |          | +        |                                              | -        |        | +        |          | +      | +           | 3      |      | 39                |                | 一寸                                     |       | _    |
| 687          |      |     |     |          | - 1        |     | '              |     | i   |         |          |              | • 1          | •      | į         | ٠,٠      | 2        | 1.       |      |       | . 1          |      |          | - 1      |          | - [      |                                              | -        |        |          |          |        |             | 3      |      | 32                |                | į                                      |       |      |
| 66/          |      |     |     |          |            |     |                |     |     |         | _        |              | . 1          | ٠.     | 2         | 2.       | -        | i.       |      | -     | _            |      |          | -+       | _        | -+       |                                              | -+       |        | +        |          | +      | +           | - 5    | - [  | 54                |                |                                        |       | _    |
| 64/          |      |     |     |          |            |     | - 1            |     | į   |         |          |              | ما           | 1.     | ` [       |          |          | -        | i.   |       |              |      |          | l        |          | - {      |                                              |          |        | - [      |          |        | 1           | 5      |      | 51                |                |                                        |       |      |
| 150          |      |     |     |          | ;          |     | $\dashv$       | _   |     |         | • 1      | -            | ٠9           | + •    | 7         | 2.       | -        | 1.       | •    |       | 7-           |      | -        |          |          | -        |                                              | -+       |        | +        |          | +      |             | 4      | - 1  | 49                |                |                                        |       | -    |
| 60/          | -    |     |     |          | ĺ          |     | į              |     | . 3 | ,       | . 0      | Ť.           | • 5          |        | 9         | 1.       |          |          | 3    |       | 1            |      | Ì        | ]        |          | - }      |                                              |          |        |          |          | 1      |             | 5      |      | 56                |                | 9                                      |       |      |
| 58/          |      |     |     |          |            |     |                |     | . 2 | _ ,     | • 4      | ÷            | -2           | + 1    |           |          |          | <u>•</u> | 4    |       | +-           |      |          | 4        |          | -        |                                              | $\dashv$ |        | +        |          | +      |             | 4      | -1   | 41                |                | 19                                     |       | _    |
| 567          | 55   |     |     |          | 1          |     |                |     | . 3 | ١.      | • 3      | 1            | • ?          | 1,     | 7         |          | 8        |          | 2    |       |              |      |          |          |          |          |                                              |          |        | -        |          |        |             | 7      |      | 7                 |                | 42                                     |       |      |
| 54/          | -    |     |     |          |            |     | . 3            |     | .0  | 1       | • 2      | 4            | •9           |        | 7         |          | 3        | •        | -    |       | -            |      |          | $\dashv$ |          | -        |                                              | -        |        | -+       |          | +      |             | - 5    |      | - 59              | • 1            | 78                                     |       | _    |
| 52/          |      | 1   |     |          |            |     | • 3            |     | . 5 | 1       | • 7      | ٤            | . 3          |        | 4         |          | - 1      |          |      |       |              |      |          | j        |          |          |                                              |          |        |          |          |        |             | 5      |      | 52                | ,              | 102                                    |       |      |
| 50/          | 49   | ļ   |     |          | . 3        |     | • 2            | L., | .0  | ᆫᆖ      | - 7      | +            | • •          |        | .0        | <u>•</u> | 1        |          | -    |       | <del> </del> |      | -        | -        |          | -+       |                                              | -        |        |          |          | +      | +           | - 5    |      | 32                | - 1            | 63                                     |       |      |
| 487          |      | 1   |     |          | • 3        |     | • •            |     |     | _       | . 6      | -            | . 5          |        | 1         |          | İ        |          |      |       |              |      |          |          |          | - 1      |                                              |          |        | -        |          |        | - {         | 5      | - 1  | 54                |                | 83                                     |       | 1    |
| 46/          | 45   |     |     |          | • 1        |     | • >            | -   | .0  |         | • /      |              | . 3          |        | . 1       |          | 4        |          | -    |       | +            |      |          |          |          | -+       |                                              | -+       |        | +        |          | +-     | <del></del> | 4      |      | 44                | ٠,             | 96                                     |       | 2    |
| 44/          | 43   |     |     | i        | . 0        |     | . 8            |     | .9  |         | • 0      |              | . 4          |        | 1         |          | ł        |          | - 1  |       | 1            |      | 1        |          |          | -        |                                              | 1        |        | -        |          | 1      | - 1         | 4      | . !  | 4 1               | • (            | 79                                     |       | 5    |
| 42/          |      | į.  |     |          | . 4        |     | .5             | _   | 1.7 |         | . 3      |              | . 4          |        |           |          | -        |          | +    |       | +-           |      | ╀        | -        |          |          |                                              | -        |        | +        |          | +-     |             | 4      | -,   | 42                | - 1            | 82                                     |       | - 6  |
|              | 39   | 1   |     | 1        | • 0        |     | • Z            |     | . 2 |         | . 5      |              | . 3          |        |           |          |          |          |      |       |              |      |          |          |          |          |                                              |          |        |          |          |        | -           | 3      |      | 3 1               | - 1            | 61                                     |       | 6    |
| 38/          | 37   |     |     |          | • 3        |     | • 5            | L.⊐ | . 9 |         | • 5      |              |              |        | _         |          | _+       |          | -    |       | +-           |      | -        |          |          |          |                                              | -        |        | +        |          | +      |             | - 2    |      | 2                 |                | 44                                     | _     | 8    |
| 367          |      | !   |     |          | • 1        | 1   | 2              |     | . 8 |         | . 3      |              | į            |        |           |          | - }      |          |      |       |              |      | i        |          |          |          |                                              |          |        | - 1      |          | -      |             | Ž      |      | Ž                 |                | 45                                     |       | 8    |
| 34/          |      |     |     | į        | . 4        |     | 0              |     | . 8 |         |          |              |              |        | ,         |          |          |          | -    |       |              |      | ╁        | _        | _        |          | _                                            | -+       |        | +        |          | +-     | -+          | ī      |      |                   |                | 46                                     |       | 9    |
|              | 31   |     | • 1 | ł        | . 3        |     | .5             |     | . 4 |         | ,        |              | ļ            |        | ļ         |          | - }      |          | -    |       |              |      | 1        |          |          | -        |                                              | - 1      |        | - {      |          |        | - {         | i      |      | 11                |                | 21                                     |       | 7    |
| 30/          |      | 1   |     |          | .4         |     | . 3            |     | . 3 |         | • 1      |              |              |        |           |          | _+       |          | -    |       | +-           |      | $\vdash$ |          |          |          |                                              | $\dashv$ |        | -+       |          | +-     | +           | -i     | - 1  | 1                 | - 1            | 19                                     |       | Ť    |
| 287          |      |     |     | , 1      | • Z        |     | . 4            |     | • 1 | ı       | į        |              |              |        |           |          |          |          |      |       |              |      | 1        |          |          |          |                                              |          |        | J        |          |        |             | ٠      | 7    |                   | 7              | 17                                     |       | 6    |
| 20/          |      | +   |     | L.       | . 4<br>. I | 1   | • 1            | ļ.  | . 2 | ١       | ]        |              | !            | L      | _         |          |          |          | +    |       | +            |      | $\vdash$ |          | <u> </u> |          |                                              |          |        | $\dashv$ |          | +-     |             |        | i    |                   | <del>-</del>   | io                                     | -     | - 5  |
| 24/          |      |     |     | 1        | • 1        |     | _              | 1   |     |         |          |              |              | 1      | - 1       |          |          |          |      |       |              |      |          |          |          | 1        | Ì                                            |          |        |          |          | 1      |             |        | ٦    | :                 |                | - 5                                    |       | 4    |
| 22/          |      | i   |     | 1        |            | ļ., | .2             | 1.  | _   | 1       |          |              |              |        | - 1       |          |          |          |      |       | $\perp$      |      | +        |          |          | -4       |                                              | -        |        | $\dashv$ |          | +      | +           |        | ╗    |                   | +              |                                        | -     | 4    |
| 207          |      |     |     | ı        |            | i   | • 1            |     |     | 1       |          |              |              |        |           |          | ł        |          | l    |       |              |      |          |          |          |          | l                                            |          |        | - 1      |          |        | - 1         |        |      | 3                 |                | 2                                      | ĺ     | ì    |
| 18/          |      | _   |     | <u> </u> | • 4        | 1   |                | _   |     | <u></u> |          |              |              | i      |           | ļ        | į        |          | Д,   | _     |              |      | ل        | _        |          |          | <u>.                                    </u> | _        |        | _        | (        | Hours  |             | Tamaa  | 7    | `                 |                |                                        | Ц.    | ÷    |
| Elemen       |      | ! _ |     | ΣX       |            |     |                | ļ   |     | Żχ      |          |              | ۔۔۔          | X      |           |          | <u> </u> | -+       | !    | No. C | bs.          |      | ļ        |          |          |          | 32                                           |          |        | 67       |          | ≥ 73 F |             | ≥ 80   | _    | 2 93              | F              |                                        | Total |      |
| Rel. H       |      | 1   |     |          | _          |     |                | ļ _ |     |         |          |              | ļ            |        |           |          |          |          | _    |       |              |      |          | ± 0      |          |          | : 32                                         | <u>-</u> | - *    | 0/       | -+-      | - /3   | $\dashv$    | - 00   | •    | <del>  - ''</del> | •              | <del> </del>                           |       | _    |
| Dry Bu       |      | 1   |     |          |            | _   |                | 1   |     |         |          |              | ļ.,          |        |           |          |          | -        |      |       |              |      |          |          |          |          |                                              | _        |        |          | $\dashv$ |        | +           |        |      | <u> </u>          |                | <del> </del>                           |       | _    |
| Wer Bu       |      |     |     |          |            |     | _              | ļ   |     |         |          |              | ļ            |        |           | ļ        |          | _        |      |       |              |      |          |          |          |          |                                              |          |        |          |          |        |             |        | _    |                   |                | <del> </del>                           |       | _    |
| Dew P        | oint | 1   |     |          |            |     |                | 1   |     |         |          |              | l            |        |           | 1        |          |          |      |       |              |      | ı        |          |          |          |                                              |          |        |          |          |        |             |        |      |                   |                | ــــــــــــــــــــــــــــــــــــــ |       |      |

USAFETAC FORM 0.26-5 (OL.A) REVISED MEYINGUS EDITIONS OF THIS LICEM ANT OBSULEET

SATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| 26102       | <u> Fo</u> | RT 5    | MITH         |              | THE        |              | <u>.</u> |               |              | 57-                                              | •66                                              |              |                |                                              | ARS     |          |                                                  |                                                  |          | M        | ΔY     |
|-------------|------------|---------|--------------|--------------|------------|--------------|----------|---------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------|----------------|----------------------------------------------|---------|----------|--------------------------------------------------|--------------------------------------------------|----------|----------|--------|
| 51 A : UN   |            |         |              | >            | . ATTON N  | AME          |          |               |              |                                                  |                                                  |              |                | **                                           | AKS     |          |                                                  | PAG                                              | £ 2      | 1200     | -140   |
| Temp.       |            |         |              |              |            | WET          | BULB     | TEMPE         | RATUR        | DEPRE                                            | ESSION                                           | (F)          |                |                                              |         |          |                                                  | TOTAL                                            |          | TOTAL    |        |
| (F)         | 0          | 1 - 2   | 3_4          | 5 - 6        | 7 8        | 9 - 10       | 11 - 12  | 13 - 14       | 15 - 16      | 17 - 18                                          | 19 - 20                                          | 21 - 22      | 23 - 24        | 25 - 26                                      | 27 - 28 | 29 - 30  | > 31                                             | D.B. W.B.                                        |          | Wet Bulb | Dew Po |
| 16/ 15      |            | . 2     |              |              |            | i            |          |               | İ            |                                                  |                                                  |              |                |                                              |         |          | 1                                                | 2                                                | 2        | 6        | 1      |
| 14/ 13      |            | · ·     |              |              | -          |              |          |               | -            | ↓                                                | ļ. —                                             | LI           |                | ļ <u>.</u>                                   |         |          | <u> </u>                                         |                                                  |          | 1        | 1      |
| 12/ 11      |            | I       |              |              | i          |              |          | 1             |              |                                                  | 1                                                |              |                |                                              |         |          | l                                                |                                                  |          |          |        |
| 8/ 7        |            |         |              |              |            |              | ļ        | ļ             | <del> </del> | <del> </del>                                     |                                                  |              |                | <del> </del>                                 |         |          | +                                                | · · ·                                            |          |          |        |
| 6/ 5        |            |         |              |              |            | !            |          | ì             |              |                                                  |                                                  |              |                |                                              |         |          |                                                  |                                                  | 1        |          |        |
| 4/ 3        |            | ·       |              |              | † <b>-</b> | -            | <u></u>  |               | t            |                                                  |                                                  |              | <del>-</del> - |                                              |         |          | ·                                                | <del> </del>                                     |          | <u> </u> |        |
| 2/ 1        |            |         |              | ı            | !          |              |          | 1             | !            |                                                  |                                                  | 1 1          |                | !                                            |         |          |                                                  | :                                                | Ì        |          |        |
| TUTAL       | • ]        | 7.7     | 7.7          | 14.1         | 15-1       | 15.2         | 12.      | 11.           | 8.           | 3.0                                              | 2.                                               | . 3          | . 6            | • 1                                          | • 1     | • :      | Ľį                                               | <del></del>                                      | 930      |          | 9:     |
| !           |            |         |              |              |            |              |          |               | ļ            |                                                  |                                                  |              |                | <u>.                                    </u> |         |          | i                                                | 730                                              | <u> </u> | 930      |        |
|             |            | . ]     |              |              | ]          |              | )        | ]             |              |                                                  | 1                                                |              |                | '                                            | İ       |          | ļ                                                |                                                  |          |          |        |
| +           |            | !       |              |              | ļi         |              | <u> </u> |               | <del> </del> | <del> </del>                                     | ļ                                                | <b> </b>     |                |                                              |         |          | <del>-</del>                                     | ļ ·                                              |          | =        |        |
| ,           | i          |         |              |              |            |              |          |               |              | į                                                |                                                  |              |                | 1                                            |         |          | i                                                | 1                                                |          | ٠.       |        |
|             |            | : :     |              |              |            |              |          | <del> </del>  | <del> </del> | -                                                | <del> </del>                                     | ļ            |                | fI                                           |         | -        |                                                  | <del> </del>                                     |          |          | -      |
|             |            |         | ,            |              |            |              |          |               |              | 1                                                |                                                  | į į          |                |                                              |         |          | :                                                |                                                  |          |          |        |
|             |            |         |              |              |            |              |          | <del> </del>  | +-           | <del> </del>                                     |                                                  |              |                |                                              |         |          | <del> </del>                                     | <del> </del> -                                   |          | · :      |        |
|             |            |         |              |              | İ          |              |          | i             |              |                                                  |                                                  |              |                |                                              |         |          |                                                  |                                                  |          |          |        |
|             |            |         |              |              | 1          |              | 1        | ĺ             | 7            |                                                  |                                                  |              |                |                                              |         |          |                                                  |                                                  |          | ,        |        |
| :           |            | <u></u> | ;            |              |            | Ĺ            | ļ        | i             | ļ            | J                                                | ļ                                                | L            |                |                                              |         |          | L                                                |                                                  |          |          |        |
|             |            |         |              | İ            | 1          |              |          |               | 1            | }                                                |                                                  | )            |                | ļ ļ                                          |         |          | 1                                                | ļ .                                              |          | !        |        |
|             |            |         |              |              |            |              |          |               | +            | <del> </del>                                     | <del> </del>                                     | <del> </del> |                |                                              |         |          | <del>↓                                    </del> | <u> </u>                                         |          |          |        |
| j           |            |         |              |              |            |              |          | 1             |              | j                                                | )                                                | } }          |                | }                                            |         |          |                                                  |                                                  |          | !        |        |
| 1           |            |         |              | - <b>-</b>   |            |              | i        |               | 1            | <del>                                     </del> | <del>                                     </del> |              |                | <u> </u>                                     |         |          | ╁┈─                                              | <del> </del>                                     |          |          |        |
|             |            |         |              |              | }          |              |          | }             |              | İ                                                | Ì                                                | 1 1          |                |                                              |         |          | 1                                                |                                                  |          | i        |        |
|             |            |         |              |              |            |              |          |               | T -          | Ţ                                                |                                                  |              |                |                                              |         |          |                                                  |                                                  |          |          |        |
|             |            |         |              | <b></b> -    |            |              | ļ        | <del>  </del> | ـــــ        |                                                  | ļ                                                |              |                | L                                            |         |          | ļ                                                |                                                  |          |          |        |
| {           |            |         |              |              |            |              |          |               |              |                                                  |                                                  |              | '              |                                              |         |          |                                                  |                                                  |          | }        |        |
| -           |            |         | - —          |              | ļ          |              | <u> </u> |               | <del></del>  |                                                  | -                                                | 1            |                | -                                            |         |          | <del> </del>                                     | <del> </del>                                     | ļ        | ·        |        |
|             |            |         |              |              |            | !            |          |               | 1            | 1                                                |                                                  | (            |                | 1                                            |         |          |                                                  |                                                  |          |          |        |
| + }         |            | :       |              | <del> </del> | <u> </u>   | <del> </del> | +        | +             | +-           | <del> </del>                                     | <del>                                     </del> | <del> </del> |                | -                                            |         |          | +                                                | <del>                                     </del> |          |          |        |
| İ           |            |         |              |              |            |              |          | 1             |              | ł                                                | }                                                |              |                |                                              |         |          |                                                  |                                                  |          | į        |        |
| Element (X) |            | Σχ'     |              |              | Σχ         |              | X        | ,•            |              | No. O                                            |                                                  |              |                |                                              | Mean N  | lo. of H | lours wit                                        | h Temperat                                       | ure      |          |        |
| Rel. Hum.   |            | 235     | 7758         |              | 440        |              | 47.3     |               |              |                                                  | 30                                               | ± 0 1        |                | 32 F                                         | ≥ 67    |          | ₹ 73 F                                           | + 80 F                                           | ≠ 93 l   | -   -    | otal   |
| Dry Bulb    |            |         | 9828<br>7997 |              | 480<br>392 |              | 31.7     |               |              |                                                  | 730                                              |              |                | 5.7                                          | 10      | • 4      | 2.4                                              | •                                                | 3        |          |        |
| Wer Bulb    |            |         | 8030         |              | 284<br>284 |              | 30.6     |               |              |                                                  | 30                                               |              |                | 12.7<br>52.0                                 | -       | $\dashv$ |                                                  | <del> </del>                                     |          |          |        |
| Dew Point   |            |         | 3020         |              | 207        | <u> </u>     | 2016     | 1 **          | 725          |                                                  |                                                  |              |                | -2.0                                         |         | [_       |                                                  |                                                  | 1        |          |        |

OATA PROCESSING DIVISION USAF ETAC AIR SEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| STATION   |     | JRT S                                         | MIIM    |       | ATION N |        |          |         |         | 57-          | 00             |               |         |                                                  | E ARS          |              |              |             |             | MON.       |       |
|-----------|-----|-----------------------------------------------|---------|-------|---------|--------|----------|---------|---------|--------------|----------------|---------------|---------|--------------------------------------------------|----------------|--------------|--------------|-------------|-------------|------------|-------|
| 2.4.194   |     |                                               |         | 3.    | XIION N | -ME    |          |         |         |              |                |               |         | •'                                               | LARS           |              |              | PAGE        | 1           | 1500-      | 170   |
| Temp.     |     |                                               |         |       |         |        |          | TEMPER  |         |              |                |               |         |                                                  |                |              |              | TOTAL       |             | TOTAL      |       |
| (F)       | 0   | 1 - 2                                         | 3 - 4   | 5 - 6 | 7 - 8   | 9 - 10 | 11 - 12  | 13 - 14 | 15 - 16 | 17 - 18      | 19 - 20        | 21 - 22       | 23 - 24 | 25 - 26                                          | 27 - 28        |              |              | D.B. W.B.   | Dry Bulb    | Wet Bulb [ | Dew P |
| 8/87      |     |                                               | !       | . 1   |         | (      |          |         |         | 1            | {              |               |         |                                                  | ł              | . 3          | i            | 3           | 3           |            |       |
| 0/ 79     |     |                                               |         |       |         |        |          |         |         | <u></u>      |                |               | • •     | • 1                                              |                |              | <u> </u>     | 6           | 6           |            |       |
| 87 77     |     |                                               | !       | . 1   |         |        |          |         |         |              | _              | 1             | • 3     | 1                                                | (              | 1            |              | 3           | 3           | ĺ          |       |
| 6/ 75     |     | :                                             | l       |       |         |        |          |         |         | ļ <u>.</u>   | • 2            |               | - 1     |                                                  |                |              | L            | 3           | 3           |            |       |
| 4/ 73     |     | 1                                             |         |       |         |        |          |         | - 1     | . 6          |                | • 5           |         | }                                                | 1              | 1            | ŀ            | 24          | 24          |            |       |
| 2/ 71     |     | <u> </u>                                      | i!      |       | ·       |        |          | . 1     | . 3     |              |                |               |         | ļ                                                | <b> </b>       |              |              | 23          | 23          |            |       |
| 07 69     |     | 1                                             |         |       |         |        | ]        | • 1     | 1.2     | 1            | 1.1            | ] ]           |         |                                                  | j              | ļ            |              | 36          | 36          | į          |       |
| 8/ 67     |     | Ļ                                             |         |       |         |        |          | . 4     | 1.7     |              |                |               |         | <b>_</b>                                         | <b></b>        |              | <u> </u>     | 29          | 29          |            |       |
| 6/ 65     |     | 1                                             | 1       |       |         | ٠,     | . 3      | 1.1     | 2.6     |              | 1              | } }           |         | -                                                | }              |              | }            | 43          | 43          |            |       |
| 4/ 63     |     | +                                             | ļ       |       |         | .3     |          |         |         |              |                |               |         | <b>├</b>                                         | -              |              | ļ            | 39          | 39          |            |       |
| 2/ 61     |     |                                               |         | • 1   | . 9     | 1.3    |          |         |         |              | [              | 1             |         | 1                                                |                | ĺ            | ĺ            | 66          | 66          |            |       |
| 8/ 57     |     | <del></del>                                   |         | • 1   | . 3     |        |          |         | 1.2     |              | -              |               |         |                                                  | -              |              | ļ            | 63          | 63          | 1 8        |       |
| 6/ 55     |     |                                               | 1       | . 5   | .3      | 2.7    |          | 1.1     | ء ا     | • 1          | 1              | ļ             |         |                                                  | 1              |              |              | 41          | 41<br>65    | 26         |       |
| 4/ 53     |     | <del> </del>                                  |         | .3    | 1.1     |        | . 8      |         | .2      | ļ            | <del> </del> - | l             |         | <del> </del>                                     |                |              |              | 65          | 65          | 58         |       |
| 2/ 51     |     | Ì                                             | • 2     | ž     |         |        | 1.2      | 3       | ••      | 1            | j              | }             |         |                                                  |                |              |              | 63          | 63          | 88         |       |
| 07 49     |     |                                               | - 4     | . 9   | - 4     | 1.5    |          |         |         | ļ            |                |               |         | <b> </b>                                         | <del> </del>   | <u> </u>     | <del> </del> | 40          | 40          | 90         |       |
| 8/ 47     |     | 2                                             | 1       | 1.2   |         |        |          | ,       |         | l            | }              |               |         | 1                                                |                | 1            | l            | 53          | 53          | 67         |       |
| 67 45     |     | · . 5                                         |         | . 9   | 1.6     |        | 1        |         |         |              |                |               |         | <del> </del>                                     | <del> </del> - |              |              | 43          | 43          | 100        |       |
| 4/ 43     |     |                                               |         | 1.1   | 1.6     |        |          |         |         | (            | 1              | 1             |         | 1                                                | Ì              | ĺ            | ľ            | 38          | 38          | 104        |       |
| 2/ 41     |     | . 4                                           | i -     |       |         | .6     |          |         |         | -            |                | <del>  </del> |         | <del> </del>                                     | <del> </del> - | <del> </del> | <del> </del> | 46          | 46          | 74         |       |
| 0/ 39     |     | . 4                                           |         | 1.4   | 1.4     | . 4    |          |         |         | 1            |                | i i           |         | 1                                                |                |              | ļ            | 34          | 34          | 72         |       |
| 87 37     |     | • 6                                           | . 3     | . 6   | . 5     |        |          |         |         | <del> </del> |                |               |         | <del>                                     </del> | <del> </del>   |              | <del> </del> | 20          | 20          | 45         |       |
| 6/ 35     |     | . 1                                           | 1.0     | 1.5   | .4      |        | }        |         |         | }            |                |               |         | Ì                                                | ļ              | İ            |              | 28          | 28          | 45         |       |
| 4/ 33     |     | . 4                                           |         |       |         |        |          |         |         | t            | <del> </del>   | <u> </u>      |         |                                                  | 1-             |              | _            | 12          | 12          | 43         | 1     |
| 2/ 31     | • 1 | . 2                                           |         |       | . 2     | t      | }        |         |         | 1            | ł              | } }           |         | 1                                                | }              | Į            | ļ            | 12          | 12          | 39         | _     |
| 0/ 29     |     | . 5                                           | .3      | .1    | . 3     |        |          |         |         |              |                |               |         | $\vdash$                                         | 1              |              |              | 12          | 12          | 28         |       |
| 8/ 27     |     | . 5                                           |         |       |         |        |          |         |         |              | ĺ              |               |         |                                                  | ĺ              |              | 1            | 8           | 8           | 10         |       |
| 67 25     |     | • 1                                           | 2       |       |         |        | 1        |         |         |              |                |               |         | T                                                |                |              |              | 3           | 3           | 14         |       |
| 4/ 23     |     | Ĺ                                             | . 1     | . 2   | _       |        |          |         | _       |              |                |               |         |                                                  |                |              |              | 3           | 3           | 8          |       |
| 21 21     |     | 7                                             | į       |       |         |        |          |         |         |              |                |               |         |                                                  | Ī              |              |              |             |             | 1          | _     |
| 0/ 19     |     | • 1                                           |         |       |         |        | <u> </u> |         |         |              |                |               |         |                                                  |                | L            | L            | 3           | 3           | 1          |       |
| 8/ 17     |     | . 3                                           |         |       |         |        |          |         |         |              |                |               |         |                                                  |                |              |              | 3           | 3           | 6          |       |
| 6/ 15     |     | <u>i                                     </u> | <u></u> |       |         |        | <u> </u> |         |         | <u></u>      |                |               |         |                                                  | <u> </u>       |              |              |             |             | 2          |       |
| ement (X) |     | Σχ²                                           |         |       | z x     |        | X        | · **    |         | No. O        | · 5 .          |               |         |                                                  |                |              |              | h Temperati |             |            |       |
| I. Hum.   |     |                                               |         |       |         |        |          | ļ       |         |              |                | ± 0 1         | -       | ≤ 32 F                                           | ≥ 67           | F            | 73 F         | ≥ 80 F      | ≥ 93 F      | 7.         | otał  |
| Bulb      |     |                                               |         |       |         |        |          | ļ       |         |              |                |               |         |                                                  | <u> </u>       |              |              | <u> </u>    | ļ           |            |       |
| * Bulb    | ·   |                                               |         |       |         |        |          | -       |         |              |                |               |         |                                                  | ļ              |              |              | <u> </u>    | <del></del> |            |       |
| w Point   |     |                                               |         | ĺ     |         | ı      |          | l       | - 1     |              | Į              |               | - 1     |                                                  | Į.             | 1            |              | }           | 1           | J          |       |

USAFETAC FORM 0.26-5 (OLA)

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

| 6102             | FO  | RT S                | MITH         | NET   |         |        |          |              |              | 57-     | 66      |              |                |         |                   |         |             |            |              |          | ΔY      |
|------------------|-----|---------------------|--------------|-------|---------|--------|----------|--------------|--------------|---------|---------|--------------|----------------|---------|-------------------|---------|-------------|------------|--------------|----------|---------|
| STAT IN          |     |                     |              | 51    | ATION N | AME    |          |              |              |         |         |              |                | YE      | ARS               |         |             | PAG        | 2            | 1500     |         |
| Temp.            |     |                     |              |       |         | WET    | BULB .   | TEMPER       | ATURE        | DEPRE   | SSION   | (F)          |                |         |                   |         |             | TOTAL      |              | TOTAL    |         |
| (F)              | 0   | 1 - 2               | 3 - 4        | 5 - 6 | 7 - 8   | 9 - 10 | 11 - 12  | 13 - 14      | 15 - 16      | 17 - 18 | 19 - 20 | 21 - 22      | 23 - 24        | 25 - 26 | 27 - 28           | 29 - 30 | <b>≥</b> 31 | D.B. W.B.  | Dry Bulb     | Wet Bulb | Dew Po  |
| 14/ 13<br>12/ 11 |     |                     |              |       |         |        |          |              |              |         |         |              |                |         |                   |         |             |            |              |          |         |
| 8/ 7             |     |                     |              |       |         |        |          |              |              | l<br>!  |         |              |                |         |                   |         |             |            |              |          |         |
| 6/ 5             |     |                     |              |       |         |        |          |              |              |         |         |              |                |         |                   |         |             |            |              |          |         |
| 07 -1            | . 1 | 5.6                 | 6.7          | 11.2  | 14.5    | 18.2   | 10.5     | 11.7         | 11.0         | 4.9     | 3.1     | . 5          | 1.0            | . 1     |                   | . 3     |             |            | 930          |          | 93      |
|                  |     |                     |              | <br>  |         |        |          |              |              |         |         |              |                |         |                   |         |             | 930        |              | 930      |         |
|                  |     |                     | <del></del>  |       |         |        |          |              | <u> </u>     |         |         |              |                | 1       |                   |         |             |            |              |          |         |
| <del></del>      |     |                     | <del> </del> |       |         |        | -        | -            |              |         |         |              | -              |         |                   |         |             |            |              |          |         |
|                  |     |                     |              | ļ     |         |        |          | ļ            |              |         |         | <del> </del> |                |         |                   |         |             |            |              |          |         |
| ~ ·+             |     |                     |              |       |         | <br>   |          |              |              |         |         |              |                |         | $\longrightarrow$ |         |             |            |              |          |         |
|                  | 1   |                     |              |       |         |        |          |              |              |         |         | <u> </u>     |                |         |                   |         |             |            |              |          |         |
| 1                |     |                     |              | 1     |         |        |          | }            |              | }       |         | }            |                | ]       | }                 |         |             |            |              |          |         |
|                  |     |                     | -            |       |         |        |          |              |              |         |         |              |                |         |                   |         |             |            |              |          |         |
|                  |     | — ·-·- <del>-</del> |              |       |         |        |          |              |              |         |         |              |                |         |                   |         |             |            |              |          |         |
|                  |     |                     |              |       |         |        |          |              |              |         |         | -            |                |         |                   |         |             |            |              |          |         |
|                  |     |                     | ļ            |       |         |        |          | <del> </del> | <del> </del> | -       |         |              | <del> </del>   |         | +                 |         |             |            |              |          |         |
|                  |     |                     |              | 1     |         |        |          |              |              |         | -       |              | -              |         |                   |         |             |            |              |          |         |
|                  |     | . <u>-</u>          | ļ            |       |         |        |          | ļ            |              | -       |         | ļ            |                |         |                   |         |             |            |              |          | <u></u> |
|                  |     |                     | ļ<br>        | Ĺ     |         |        |          |              |              |         |         |              |                |         |                   |         |             |            |              |          | ·       |
|                  |     |                     |              |       |         |        | <u> </u> |              |              |         |         |              |                |         |                   |         |             |            |              |          | L       |
| Element (X)      |     | Σχ'                 |              |       | Σχ      |        | X        |              |              | No. Ol  |         |              |                |         |                   |         |             | h Temperat |              |          |         |
| Rel. Hum.        |     |                     | 6855         |       | 414     | 97     |          | 16.5         |              |         | 30      | ≤ 0          | F              | ≤ 32 F  | ≥ 67              |         | 73 F        | ≥ 80 F     | × 93 1       | f 1      | Total   |
| Dry Bulb         |     |                     | 6134         |       | 495     |        |          | 11.9         |              |         | 30      |              | $-\!\!\!\!\!+$ | 4.4     | 12                | 7       | 3.9         | •          | <b>9</b>     |          | 9       |
| Wer Bulb         |     |                     | 0934         |       | 400     |        |          | 8.0          |              | Y       | 30      |              | -              | 10.9    |                   |         |             |            | <del> </del> |          | 9       |
| Dew Paint        |     | ¥ 3                 | 4250         | 4     | 583     | 74     | 50.3     | 8.5          | 127          | 7       | 30      | 1            | • 1            | 52.2    | )                 | j       |             | i          | 1            | 1        | 9       |

USAFETAC PORM 0.26.5 (OLA)

DATA PROCESSING DIVISION USAF ETAC AIR REATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 102       | F { | IFT S        | MITH  |       | DOT.     |             |            |                                                  |       | 57-6        | 6                                                |     |             |              |            |                |              |                                              |              | AY_   |
|-----------|-----|--------------|-------|-------|----------|-------------|------------|--------------------------------------------------|-------|-------------|--------------------------------------------------|-----|-------------|--------------|------------|----------------|--------------|----------------------------------------------|--------------|-------|
| S'A'.JN   | -   |              |       | 51    | ATION N  | AME         |            |                                                  |       |             |                                                  |     |             | YE           | ARS        |                | 546-         |                                              | MON          |       |
|           |     |              |       |       |          |             |            |                                                  |       |             |                                                  |     |             |              |            |                | PAGE         | 1                                            | HOURS        |       |
| Temp.     |     |              |       |       |          | WET         | BIII B 1   | TEMPER                                           | ATURE | DEPPES      | SION (F                                          | )   |             |              |            |                | TOTAL        |                                              | TOTAL        |       |
| (F)       | 0   | 1 - 2        | 3 - 4 | 5 - 6 | 7 - 8    |             |            |                                                  |       |             |                                                  |     | 3 24 2      | 25 - 26      | 27 - 28 29 | - 30 = 31      |              | Dry Bulb                                     |              | Dew P |
| 4/ 83     |     | +            |       |       |          |             | 11         |                                                  | - 1   |             |                                                  |     |             | , İ          |            |                | 1            | 1                                            |              |       |
| 2/ 81     |     | 1            |       |       |          |             |            | ı i                                              |       |             | 1                                                |     | . 1         | :            |            |                | 1            | 1                                            |              |       |
| 07 79     |     | •            | :     |       |          |             |            |                                                  | †     |             | +                                                | •   |             | - 1          |            |                | 1            | 1                                            |              |       |
| 8/ 77     |     |              |       | İ     | ١,       |             |            |                                                  | 1     | - :         |                                                  |     | . 2         |              | 1          | -              | 2            | 2                                            |              |       |
| 67 75     |     | <del></del>  | ·     |       | -        |             |            |                                                  | •     | · Z         | . 7                                              | . I | ł           |              |            |                | . 5          | - 5                                          | :            |       |
| 4/ 73     |     |              |       | i     |          |             |            |                                                  | į     | . 1         | . 5                                              | . 2 | 1           |              | ŀ          | i              | 8            | 8                                            |              |       |
| 27 71     |     | •            |       |       |          |             |            |                                                  | . 2   | ີ •≭        | 7                                                | . 1 | •           | - †          | +-         |                | 13           | 13                                           |              |       |
| 0/ 69     |     | 1            |       |       |          |             | . 1        |                                                  | . 5   | . 5         | . 4                                              | 1   | '           | :            | ]          | 1              | 15           | 15                                           |              |       |
| 87 67     |     | <del> </del> |       |       |          |             |            | . 4                                              | 1.3   | . 9         |                                                  |     | •           | +            |            |                | 24           | 74                                           |              |       |
| 6/ 65     |     | j            |       |       | . 1      | . 2         | . 2        |                                                  | 1.8   | . 3         | i                                                | i   |             |              |            |                | 39           | 39                                           |              |       |
| 47 63     |     | <del> </del> |       |       | 7        | .2          | 1.0        |                                                  | 1.0   | • 1         |                                                  | · † | •           |              |            | <del>-</del> - | 34           | 34                                           |              |       |
| 2/ 61     |     |              | - 1   |       | . 8      |             | 1.7        | 2.5                                              | . 8   | . 1         |                                                  |     |             |              |            |                | 62           | 62                                           |              |       |
| 07 39     |     | -            |       | . 2   |          | 2.4         | 1.6        |                                                  | . 4   | <del></del> |                                                  |     | +           | <b>-</b> →   | —··        |                | 70           | 70                                           |              |       |
| 8/ 57     |     |              | ! !   | . 4   | .4       | 1.1         | 2.4        | 1.4                                              |       |             |                                                  | "   |             |              |            |                | 53           | 53                                           | 8            |       |
| 67 35     |     |              | - 1   | . 6   | . 9      | 1.0         | 1.7        | 1.3                                              | .1    | 1           |                                                  |     |             |              |            | •              | 53           | 53                                           | 12           |       |
| 4/ 53     |     | . 4          | . 3   | . 4   |          | 2.8         | 1.0        | r                                                | 7     |             | 1                                                | ,   |             |              |            |                | 60           | 60                                           | 38           |       |
| 27 31     |     |              | . 6   | 9     |          | 2.8         | 1.3        | . 4                                              |       |             | +                                                |     |             |              |            | •              | 57           | 67                                           | 81           |       |
| 0/ 49     |     | . 3          | . 4   | 1.1   | 2 . d    |             | . 3        | . 1                                              |       |             | į                                                |     |             |              |            |                | 57           | 97                                           | 82           |       |
| 87 47     |     | . 4          | 1.1   | . 8   |          | 1.3         | 3          |                                                  |       |             |                                                  |     | +           | +            |            | •              | 57           | 52                                           | 89           |       |
| 6/ 45     |     | • 1          | 1.1   | 1.5   | 1.8      | . 5         | • 1        |                                                  |       |             |                                                  | Ì   |             |              |            |                | 4.8          | 48                                           | 93           |       |
| 4/ 43     | • 3 |              | .5    | 1.7   | 1.5      | . Z         |            |                                                  |       |             |                                                  |     | +           | 4            | +          | •              | 50           | 40                                           | 88           |       |
| 2/ 41     |     | 6            |       | 1.3   | 1.5      | . 3         |            |                                                  |       |             |                                                  | ļ   |             |              |            |                | 44           | 44                                           | 86           | i     |
| 0/ 39     |     |              | . 5   | 1.6   | 2.3      | •1          |            | <del></del>                                      |       |             |                                                  |     |             |              |            | +              | . 57         | 47                                           | 74           |       |
| 8/ 37     |     | • 3          |       | 1.0   | 1.2      | _           |            |                                                  | ì     | 1           | i                                                | 1   |             | 1            |            |                | 28           | 26                                           | 58           |       |
| 6/ 35     |     | • 1          |       |       | . 2      |             |            |                                                  |       |             |                                                  |     | +-          |              | ı          | <b>4</b> .     | - <b>23</b>  | 23                                           | 43           |       |
| 4/ 33     |     | . 9          |       |       |          | i           |            |                                                  | i     |             | 1                                                | 1   | !           |              | :          | i              | 26           | 26                                           | 42           |       |
| 2/ 31     | . 7 |              |       |       | 1 1      |             |            |                                                  |       |             | }                                                |     |             |              |            |                | 14           | 19                                           | 32           |       |
| 0/ 29     | •   | 2            |       |       |          |             |            |                                                  | 1     |             |                                                  | 1   | i           | - 1          | \          | 1              | 10           | 10                                           |              |       |
| 87 27     |     | 4            | I     | . 3   |          |             |            | <del>!</del>                                     |       |             | +                                                |     |             |              |            |                | ii           | iĭ                                           | 14           |       |
| 6/ 25     |     | . 2          |       | . 2   |          |             |            |                                                  | - 1   |             |                                                  |     |             |              |            |                | 4            | 4                                            | ٠,           |       |
| 4/ 23     |     |              |       |       |          |             |            |                                                  | +     | +           | · · <del> </del>                                 | +   |             |              |            | -+             | 1 3          | Ī                                            | 13           |       |
| 2/ 21     |     |              |       | .1    |          |             |            |                                                  | ļ     | - }         |                                                  |     | 1           | -            |            |                | 3            | 3,                                           | 5            |       |
| 0/ 19     |     |              | . 4   |       |          |             |            | <del> </del>                                     |       | +           | +                                                | +   |             | <del>j</del> |            |                |              | Ĭ.                                           | - <b>4</b> . | ,     |
| 8/ 17     |     | .1           | 1 1   |       |          |             |            |                                                  | ı     |             | -                                                |     | 1           |              |            |                | 1            | 1                                            | 3.           | . ,   |
| ement (X) |     | Σχ²          |       |       | Σχ       | <del></del> | X          |                                                  | ┰┵    | No. Obs     | <del>.                                    </del> |     |             |              | Mean No    | of Hours wi    | th Temperate | <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> | <u>`</u>     |       |
| I. Hum.   |     | · A          |       |       | <u> </u> |             | - <b>^</b> |                                                  |       |             | <u>-</u>                                         |     | 1           | 32 F         | - 67 F     | 73 F           | - 80 F       | 93 F                                         |              | Total |
| y Bulb    |     |              |       |       |          |             |            |                                                  |       |             | +-                                               |     | +           |              |            | +              | + ·          |                                              | 1 '          |       |
| er Bulb   | ~   |              |       |       |          |             |            | <del>                                     </del> |       |             |                                                  |     | <del></del> |              |            | +              |              | t                                            | -+           | _     |
| ew Point  |     |              |       | ļ     |          |             |            | <del> </del>                                     |       |             |                                                  |     |             |              |            | ŧ              | +            | t- ·                                         | -+           |       |

USAFETAC FORM 0.26-5 (OL.A). REVIND MENOUS FORMONS OF THIS FORM AND OLDIOSER

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

| 26102<br>STATION | F   | IKT SM       | мітн  | NWT<br>51 | TOTAL NO TAT | APT    |              |              |                                                  | 57.                                              | -66                                              |                                                  |         | YE             | ARS                |         |                                                  | PAG         | E 2          | MA<br>MON<br>1800 | TH 200           |
|------------------|-----|--------------|-------|-----------|--------------|--------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------|----------------|--------------------|---------|--------------------------------------------------|-------------|--------------|-------------------|------------------|
|                  |     |              |       |           |              |        |              |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         |                                                  | <b></b>     |              | HOURS (L          | . S. T.1         |
| Temp.<br>(F)     | 0   | 1 - 2        | 3 - 4 | - C 4     | 7 0          |        |              |              |                                                  | E DEPR                                           |                                                  | (F)<br>21 - 22                                   | 02 04   | 25 24          | 22 20              |         | 231                                              | TOTAL       | D. D. II     | TOTAL<br>Wet Bulb |                  |
| 167 15           |     | . 2          |       |           |              | 9 - 10 | 11 - 12      | 13 - 14      | 13 - 10                                          | 17 - 18                                          | 19 - 20                                          | 21 - 22                                          | 23 - 24 | 25 - 20        | 27 - 28            | 29 - 30 | * 31                                             | 2           | Dry Bulb     | Wet Build         | Dew Pa           |
| 14/ 13           |     |              | ,     |           |              |        |              |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         |                                                  |             | -            | 1                 | i                |
| 12/ 11           |     | , <u> </u>   | a     |           |              |        | +            |              | <del>                                     </del> | +                                                | <del> </del>                                     | <del>                                     </del> |         | <del> </del> - |                    |         | <del>                                     </del> |             |              |                   | •                |
| 10/ 9            |     | , i          | ;     |           |              |        |              |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         |                                                  |             |              | 1                 |                  |
| 8/ 7             |     |              | i     |           |              |        | <u> </u>     | <b>†</b>     | <del> </del>                                     | 1                                                | 1                                                |                                                  |         |                |                    |         |                                                  | <b> </b>    |              | <u> </u>          |                  |
| 6/ 5             |     | ļ [          |       |           |              |        |              |              |                                                  | }                                                |                                                  |                                                  |         |                |                    |         |                                                  |             |              | İ                 |                  |
| 4/ 3             |     |              |       |           |              |        |              |              |                                                  | T                                                |                                                  |                                                  |         |                |                    |         |                                                  |             |              |                   |                  |
| 2/ 1             |     |              |       |           |              |        |              |              | <u> </u>                                         |                                                  |                                                  |                                                  |         |                |                    |         |                                                  |             |              | ]                 |                  |
| 0/ -1<br>TUTAL   |     | آلہ یا ا     |       |           |              |        |              |              |                                                  | 2 2                                              |                                                  |                                                  |         |                |                    |         |                                                  |             |              |                   |                  |
| TUTAL            | • • | 5.9          | 11.4  | 14.1      | 17.0         | 12.5   | 11.7         | 12.0         | 0.                                               | 2.0                                              | 1.                                               | 4                                                | . 3     | . 2            |                    |         |                                                  |             | 930          |                   | 9 3              |
|                  |     |              | ļ     |           |              |        | 1            | 1            |                                                  |                                                  |                                                  | 1                                                |         |                | l                  |         | 1                                                | 930         |              | 930               |                  |
|                  |     | 1            |       |           |              |        | -            |              | <b>↓</b>                                         | -                                                | ļ                                                |                                                  |         | ļ              |                    |         | <u> </u>                                         | -           |              |                   |                  |
|                  |     |              | ĺ     |           | 1 1          |        | 1            |              | ]                                                |                                                  | 1                                                |                                                  |         |                |                    |         |                                                  | 1           |              |                   |                  |
|                  |     | <del> </del> |       |           |              |        |              | ł            | ├                                                | ├─-                                              | <del></del>                                      | -                                                |         | -              |                    |         | <del></del>                                      |             |              |                   |                  |
|                  |     | į l          | - 1   |           |              |        |              |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         |                                                  | ĺ           |              |                   |                  |
|                  |     |              | +     |           |              |        | <del> </del> |              | -                                                | <del> </del>                                     | <del>                                     </del> |                                                  |         |                |                    |         | -                                                |             |              |                   |                  |
| ł                |     |              | !     |           |              |        | ļ            |              |                                                  |                                                  |                                                  |                                                  |         |                | .                  |         |                                                  | l           |              |                   |                  |
|                  |     | :            |       |           |              |        | <del> </del> | -            | <del> </del>                                     | <del> </del>                                     | +                                                | 1                                                |         |                |                    |         |                                                  |             |              |                   |                  |
| !                |     | , [          | 1     |           |              |        | ļ            |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         | 1                                                |             |              |                   |                  |
| · · · · · i      |     |              | ;     |           |              |        | 1            | <del> </del> |                                                  | <del>                                     </del> | 1                                                | 1                                                |         |                |                    |         | <del> </del>                                     |             |              |                   |                  |
| i                |     |              | i     |           |              |        | ĺ            |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         |                                                  |             |              |                   |                  |
|                  |     | 1            |       |           |              |        | T            | †—           | İ                                                | T                                                |                                                  |                                                  |         |                |                    |         |                                                  |             |              |                   |                  |
|                  |     |              | i     |           |              |        | İ            |              |                                                  | 1                                                | j                                                | i i                                              |         |                |                    |         | Ì                                                | ţ           |              | !                 |                  |
|                  |     | 1            |       |           |              |        |              |              | 1                                                |                                                  |                                                  |                                                  |         |                |                    |         |                                                  |             |              |                   |                  |
|                  |     | i L          |       |           |              |        | L            |              | <u> </u>                                         |                                                  |                                                  |                                                  |         |                | _                  |         |                                                  |             |              |                   |                  |
| ŀ                |     |              |       |           | ĺ            |        | i            |              |                                                  |                                                  |                                                  |                                                  |         |                |                    |         | T                                                |             |              |                   |                  |
|                  |     | i l          | !     |           | l l          |        | ļ            |              | ↓                                                | <u> </u>                                         |                                                  |                                                  |         |                |                    | _       |                                                  |             |              |                   | _                |
| :                |     | 1            |       |           |              |        | İ            |              |                                                  |                                                  |                                                  |                                                  |         |                | T                  |         |                                                  |             |              |                   | -                |
| +                |     |              | i     |           | ļļ           |        | ļ            | ļ            | L                                                |                                                  | ļ                                                | <b>  </b>                                        |         |                |                    |         | ļ                                                |             |              | ·                 |                  |
|                  |     |              | 1     | 1         | ' 1          |        |              |              |                                                  |                                                  |                                                  |                                                  |         |                | - 1                |         |                                                  |             |              | í.                |                  |
| ;                |     |              | i     |           | ↓↓           |        | <u> </u>     | <del>-</del> | ļ                                                | <del> </del>                                     | <u> </u>                                         | $\sqcup$                                         |         | 1              |                    |         |                                                  | ļ           |              | L                 |                  |
| i                |     |              |       |           | }            |        |              |              |                                                  | ]                                                |                                                  |                                                  |         | [ ]            |                    |         |                                                  |             |              |                   |                  |
| Element (X)      |     | Σχ'          | +     |           | <u> </u>     | Τ.     | 1            | -            |                                                  | 1                                                | <u>i</u>                                         |                                                  |         |                |                    |         | L                                                | L           |              |                   |                  |
| Ret. Hum.        |     | 2459         | 1497  |           | 2 x<br>450   | 78     | X 48,5       | 17.0         | 74                                               | No. O                                            | 30                                               |                                                  |         | 22 E           |                    |         |                                                  | Temperat    |              |                   |                  |
| Dry Bulb         |     | 2549         |       |           | 475          | 71     | 51.1         |              |                                                  | - 6                                              | 30                                               | 5 0 F                                            | +-      | 32 F           | ≥ 67<br><b>7</b> ( |         | 73 F                                             | ≥ 80 F      | 2 93 1       | F T               | otal<br><b>G</b> |
| Wer Bulb         |     | 1702         |       |           | 390          |        | 42.0         |              |                                                  |                                                  | 30                                               |                                                  |         | 13.6           |                    | • •     | 1.0                                              | •           | <del>-</del> |                   |                  |
| Dew Point        | -   | 951          | 693   |           | 285          |        | 30.7         |              |                                                  | <del></del>                                      | 30                                               |                                                  |         | 52.1           |                    |         |                                                  | <del></del> | +            |                   |                  |
|                  |     |              |       |           |              | - •1   | -00.         |              |                                                  |                                                  |                                                  |                                                  | * *     | - 6 0 4        |                    |         |                                                  | L           |              |                   |                  |

DATA PROCESSING DIVISION JSAF ETAC AIR WEAT ER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

26102 FORT SMITH NWT DOT APT 57-66 MAY YEARS 2100-2300 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wer Bulb Dew Point 70/ 69 68/ 67 65/ 65 64/ 63 .4 .6 .8 1.0 14 27 62/ 61 14 60/ 59 27 58/ 57 56/ 55 32 32 46 46 .1 .3 .3 .5 .3 1.2 1.5 1.3 2.3 54/ 53 52/ 51 68 68 59 50/ 49 1.8 59 46 48/ 47 72 72 50 1.3 1.3 1.8 1.4 2.2 2.3 1.1 2.2 2.3 1.1 1.5 2.5 1.3 1.5 2.5 2.7 1.4 1.6 1.7 1.5 2.4 .8 1.6 1.6 1.6 .2 13 46/ 45 69 69 104 100 44/ 43 75 75 36 73 42/ 41 36 73 46 74 40/ 39 82 78 38/ 37 .1 47 47 85 36/ 35 48 48 63 61 72 34/ 33 32/ 31 30/ 29 36 36 60 57 94 41 41 2.2 1.0 .6 1.0 1.2 .8 .9 .3 48 78 30 30 19 28/ 27 . 3 19 44 80 25 23 18 24 17 18 267 58 56 24/ . 1 227 21 19 17 15 53 • 2 • 1 • 2 20/ 4 6 31 187 .1 23 16/ 3 3 14 3 147 . 2 . 3 10 12/ 11 8 7 107 5 8/ 4 3 •1 67 3 3 4/ 5 ΣX No. Obs. Element (X) ¥ ø, Mean No. of Hours with Temperature Rel. Hum. 5 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-5 (OL A) MOEM JUI 04

Dew Point

26102

PATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NWT DUT APT

# **PSYCHROMETRIC SUMMARY**

MAY

| STATION   |          |          |              | \$.            | TATION N          | AME     |              |                                                  |                                                  |                                                  |                |                                                  |         | Y            | EARS         |          |         | PAG          | € 2            | 2100<br>HOURS  | -2       |
|-----------|----------|----------|--------------|----------------|-------------------|---------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|---------|--------------|--------------|----------|---------|--------------|----------------|----------------|----------|
| Temp.     |          |          |              |                |                   | WET     | BULB         | TEMPE                                            | RATURI                                           | DEPRE                                            | SSION          | (F)                                              |         |              |              |          |         | TOTAL        |                | TOTAL          |          |
| (F)       | 0        | 1.2      | 3 - 4        | 5.6            | 7 - 8             | 9 . 10  | 11 - 12      | 13 - 14                                          | 15 - 16                                          | 17 - 18                                          | 19 . 20        | 21 . 22                                          | 23 . 24 | 4 25 . 20    | 6 27 - 28    | 29 .     | 30 + 31 | D.B. W.B.    | Dry Bulb       | Wet Bulb       | De       |
| 2/ 1      |          |          | - 1- 1-<br>  | +              |                   | , , , , |              | 13-14                                            | 13-14                                            | 17.10                                            | .,,            | 121.12                                           |         | 1:3          | 1 20         |          | 30 - 5. |              | , , ,          | 1              |          |
| 0/ -1     |          |          |              |                | j                 | į.      | j            | }                                                | ]                                                |                                                  | l              |                                                  |         |              |              |          |         |              | _              | 1              | į        |
| -2/ -3    |          |          |              | 1              |                   |         |              |                                                  |                                                  |                                                  |                |                                                  |         | T            |              |          |         | T            |                |                | -        |
| -4/ -5    |          |          | İ            | í              | 1 1               |         | ł            | { .                                              | l                                                | i                                                | ł              | 1 1                                              |         | }            | 1            | 1        |         | 1            | }              | }              |          |
| TUTAL     | 2.0      | 18.3     | 23.          | 22.7           | 14.2              | 10.2    | 3.8          | 2.7                                              | •                                                | • 1                                              |                |                                                  |         |              |              | 1        |         | 930          | 930            | 930            | ,<br>P   |
|           |          |          | i            | <del> </del> - | <b></b>           |         | <del> </del> |                                                  | <del> </del> -                                   | <del> </del>                                     |                | <del>                                     </del> |         | <del> </del> | <del> </del> | -        | -       | +            |                |                | 1        |
| ļ         | <u>-</u> |          |              | ļ              |                   |         | <u> </u>     |                                                  | ļ                                                | ļ                                                |                | 1                                                |         | <u> </u>     | <u> </u>     | _        |         | <u> </u>     |                |                | <u> </u> |
|           |          |          |              |                |                   |         |              |                                                  |                                                  |                                                  |                |                                                  |         |              |              |          |         |              |                |                | 1        |
|           |          |          |              |                |                   |         |              |                                                  | 1                                                |                                                  |                |                                                  |         | 1            |              |          | 1       |              |                |                | 1-       |
| }         |          |          |              |                |                   |         |              | <del> </del>                                     | <del> </del>                                     | +                                                |                |                                                  |         | +            | +            | ┼        |         | <del> </del> |                | <del> </del> - | ÷        |
|           |          |          |              |                |                   |         |              |                                                  |                                                  |                                                  |                |                                                  |         |              | <u> </u>     | $\perp$  |         |              |                |                |          |
|           |          |          |              | !              |                   |         |              |                                                  | )                                                |                                                  |                | }                                                |         | }            |              |          |         |              |                |                |          |
| l — — —   |          |          | ļ. — —       | ļ. ———         |                   |         | <del> </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>  -</del> | +                                                |         | <del> </del> | +            | -        | +       | <del> </del> |                |                | -        |
| ļ         |          |          |              |                |                   |         | ļ            | ļ                                                | -                                                | ļ                                                |                |                                                  |         | <del> </del> | <del> </del> | <u> </u> |         | <del> </del> |                | ļ              | <u> </u> |
|           |          |          | i            |                |                   |         | }            |                                                  |                                                  |                                                  |                |                                                  |         |              |              |          |         |              |                |                |          |
|           |          |          | ]            | ; -            |                   |         |              |                                                  |                                                  |                                                  |                |                                                  |         | 1            |              | 1        | 1       |              |                |                |          |
| <b>}</b>  |          |          | <del> </del> |                | -                 |         |              |                                                  |                                                  | +                                                |                | +                                                |         | +            | <del> </del> | +-       | +-      | <del> </del> | <del> </del>   |                | ┼-       |
| ļ         |          |          | L            | ļ<br>          |                   |         | Ĺ            |                                                  | 1                                                | <u> </u>                                         |                |                                                  |         | 1            |              | <u> </u> |         | <u> </u>     |                | <u> </u>       | L        |
| 1         |          |          | ĺ            |                | 1                 |         |              | [                                                | [                                                |                                                  | ĺ              | 1 1                                              |         | {            | 1            | {        |         | 1            | Ì              |                |          |
|           |          |          |              | †              | <del></del>       |         | <del> </del> | <del>                                     </del> |                                                  | 1                                                |                | † – †                                            |         | 1            | $\dagger$    | †        | +-      |              |                | -              | +-       |
| <u> </u>  |          | -        |              |                |                   |         | <del> </del> | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |                | <del>                                     </del> |         | +            |              | ├        |         | <del> </del> | <u> </u>       | <del> </del>   | $\vdash$ |
|           | _        | <u> </u> |              |                |                   |         | İ            |                                                  | 1                                                | <u> </u>                                         | _              | <u> </u>                                         |         | 1_           |              |          | 1       |              |                |                |          |
|           |          |          |              |                |                   |         |              |                                                  |                                                  |                                                  |                |                                                  |         |              |              |          |         |              |                |                | -        |
|           |          |          |              | -              |                   |         | -            | 1-                                               | -                                                | +                                                | -              | +                                                |         | +            | +-           | +-       | +-      | <del> </del> | <del> </del> - |                | $\vdash$ |
| F         |          | Σχ²      | <u> </u>     | <del> </del>   | ZX                |         | 1            | <del>  _</del>                                   | ┸┯-                                              | No. OI                                           |                | 11                                               |         |              | 1            | <u> </u> | Maura   | th Tempera   |                | <u> </u>       | <u> </u> |
| Rel. Hum. |          |          | 2868         | <del> </del>   | <del>~ 3</del> 80 | 30      | X<br>62,4    | 116.                                             | 37                                               | 9                                                | 30             | ± 0 F                                            | $\neg$  | : 32 F       | mean<br>≥ 67 |          | 2 73 F  | * 80 F       | * 93           | F T            | Tota     |
| Dry Bulb  |          |          | 8613         |                | 404               | 85      | 43.          | 10.                                              | 77                                               |                                                  | 30             |                                                  | -+-     | 14.          | 1 - "        | • 2      | - /3 *  | + ***        | - 73           |                |          |
| Wet Builb |          | 141      | 0039         | 1              | 354               | 09      | 38.1         | 8.                                               | 161                                              |                                                  | 30             |                                                  |         | 22.          | 5            |          |         | +            | +              | -+             |          |
| Dew Point |          |          | 7951         |                | 283               |         |              | 8.4                                              |                                                  |                                                  | 30             | <del></del>                                      | . 3     | 92.          |              |          |         | +            | +              |                |          |

57-66

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DOT APT 57-66 26102 JUN STATION STATION NAME YEARS 0000-0200 PAGE 1 HOURS IL. S. T.1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 - 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 68/ 67 .2 :1 . 2 4 9 64/ 63 . Z . 3 13 13 62/ 61 .3 .3 .1 .7 1.4 .2 2.0 2.0 1.0 . 3 . 1 • 1 23 23 1.0 60/ 59 43 • Z .1 58/ 57 75 75 27 12 • 1 2.3 2.7 2.2 50/ 55 67 76 67 17 . 6 54/ 53 76 48 28 .2 3.6 2.4 1.7 92 122 32/ 31 89 89 55 1. 50/ 49 93 93 70 3.4 1.4 3.9 2.2 48/ 47 . 0 1.9 73 73 74 71 73 96 46/ 45 1.1 73 87 44/ 43 2.9 1.8 85 57 57 92 42/ 41 . 3 3.1 1.2 1.0 51 51 82 69 .1 2.6 1.3 40/ 39 39 67 39 38/ 37 36/ 35 3.2 1.8 50 50 55 65 1.3 .7 26 19 26 33 80 19 34/ 33 22 49 32/ 31 .7 • 1 18 43 6 30/ 29 13 6 28 28/ 27 26/ 25 . 0 17 . 2 21 24/ 23 11 22/ 21 4 20/ 19 18/ 17 TOTAL 5.d37.125.817.2 9.8 2.8 1.6 900 900 900 221912A 69295 Element (X) No. Obs. Mean No. of Hours with Temperature 77.014.183 USAFETAC 900 ≥ 93 F Rel. Hum. \* 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F Total 48.8 8.048 2198204 90 43886 900 2.0 Dry Bulb 1880077 900 90 40633 4.5 37259 1266166 41.4 7.943 900 12.8 90 Dew Point

ĺδ 0.26.5 FOR NO. 2

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

26102 F(1KT SM[TH NwT 1)(1T APT 57=66 JUN

STATION NAME YEARS PAGE 1 C300=0300
HOURS TULES TO THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO SET AT THE HOURS TO

| Temp     | ).  |     |                  |              |                |       |             |                |         |              | E DEPRE     |                                                  |              |             |             |         |          |              | TOTAL       |             | TOTAL       |                                                  |
|----------|-----|-----|------------------|--------------|----------------|-------|-------------|----------------|---------|--------------|-------------|--------------------------------------------------|--------------|-------------|-------------|---------|----------|--------------|-------------|-------------|-------------|--------------------------------------------------|
| (F)      |     | 0   | 1 - 2            | 3 - 4        | 5 - 6          | 7 - 8 | 9 - 10      | 11 - 12        | 13 - 14 | 15 - 1       | 6 17 - 18   | 19 - 20                                          | 21 - 22      | 23 - 24     | 25 - 26     | 27 - 28 | 29 - 30  | > 31         | D.B. W.B.   | Dry Bulb    | Wet Bulb    | Dew Po                                           |
| 687      |     |     |                  |              |                |       |             | .1             |         |              |             |                                                  | 1            |             |             |         |          |              | 1           | 1           |             |                                                  |
| 66/      |     |     |                  |              | : 1            |       |             | . 1            | }       | 1            |             | l                                                | ł            | ]           |             |         |          | 1            | 1           | 1           | Ì           |                                                  |
| 64/      |     |     |                  | •            |                | • 1   | . 3         | .2             |         | _            |             |                                                  |              |             |             |         |          | 1            | 6           | 6           |             |                                                  |
| 62/      | 61  |     |                  |              | . 3            | . 3   |             | 3              | ł       | 1            |             |                                                  | ĺ            | ļ           |             | i       |          |              | 9           | 9           |             |                                                  |
| 60/      | 39  |     |                  | <b>7</b> - 7 | . 9            | . 8   |             | • 2            |         |              |             | · · · · ·                                        |              |             |             |         |          | 1-           | 26          | 26          | 3           |                                                  |
| 58/      | 57  | . 3 | 1.8              | 1.3          | 1.3            | .6    | . 1         | ,              |         |              | ĺ           |                                                  |              |             |             |         |          |              | 49          | 49          | 12          |                                                  |
| 36/      | 55  | • 2 | 7.1              | 1.7          | 2.4            | . 7   | . 1         | • 2            |         | <del> </del> |             |                                                  | <del> </del> |             |             |         |          | +            | 73          | 73          | 36          |                                                  |
| 54/      | 531 |     | 2.7              | 1.9          | 1.3            | . 7   | . 2         |                |         |              | 1           | 1                                                |              | ĺ           |             |         |          |              | 61          | 61          | 48          | 2                                                |
| 327      |     | . 8 |                  |              |                |       |             | •1             |         | <del> </del> | +           | <del>                                     </del> | <del> </del> | <del></del> | <del></del> |         |          | +            | 89          |             | 72          | <u> </u>                                         |
| 50/      |     | . 6 |                  |              |                | . 6   | . 1         |                |         | 1            | 1           | 1                                                | ł            | }           |             |         |          | 1            | 86          |             | 91          | 5                                                |
| 487      |     | 1.1 |                  |              |                |       |             | <del>  -</del> |         | -            | +           | <del></del>                                      | +            |             |             |         |          | <del> </del> | 94          |             | 67          | 7                                                |
| 46/      |     | 1.9 |                  |              |                |       |             |                | 1       |              | 1           | l                                                |              |             | '           |         |          |              | 84          | 1 1         | 102         | 10                                               |
| 44/      |     | . 9 |                  |              |                |       |             | -              |         | ┼            | +           | <del> </del>                                     | $\leftarrow$ |             |             |         |          | -            | 67          | 1 1         | 93          | - 7                                              |
| 42/      |     | ď   |                  |              |                |       |             |                |         |              | 1           |                                                  |              |             |             |         |          | 1            | 76          |             | 83          | 7                                                |
|          |     | . 3 |                  |              |                |       |             | <del> </del>   |         | ├            |             |                                                  |              |             |             |         |          | <del> </del> | 43          |             | 79          | 8                                                |
| 38/      |     | ā   |                  |              |                |       |             |                |         |              |             | [                                                |              |             | ,           |         |          |              | 44          | T -         | 65          | 7                                                |
| 307      |     | - 4 |                  |              |                |       |             | <del> </del>   |         | <del></del>  | <del></del> |                                                  | <del></del>  |             |             |         |          | <del> </del> | 33          | 1 1         | 37          | <del>-                                    </del> |
|          | 33  | • 7 |                  |              |                |       |             | 1 '            |         |              | ĺ           | i                                                | l            |             | 1           |         |          |              | 15          |             | 33          | 6                                                |
|          | 31  | 1   |                  | 1 -          | 1 1            |       |             |                |         | ├            |             | ļ                                                |              |             | ļ           |         |          | -            | 22          |             | 25          | 3                                                |
|          | 29  | • 4 | - 1              |              |                |       |             |                |         | ]            | 1           | }                                                | }            |             |             |         |          |              |             | 22          | 16          | 3                                                |
| 287      |     |     |                  |              | 1              |       |             | <u> </u> i     |         | <u> </u>     |             |                                                  |              |             |             |         |          | <b></b>      |             |             | 10          |                                                  |
| 26/      |     | İ   | 3                |              |                |       |             |                |         |              |             | 1                                                |              |             |             |         |          |              | 3           | ]           | -           | 2                                                |
| 24/      |     |     | •                |              | ļ              |       |             |                |         | <del> </del> | -∤          | ļ                                                | <b></b>      |             |             |         |          | -            | -           | 9           | - 4         | 1                                                |
|          |     | • 1 |                  | . 1          |                |       |             | ļ ļ            |         |              |             |                                                  |              |             |             |         |          |              | , ,         | 3           | •           |                                                  |
| 22/      |     |     | . • :            | <u> </u>     |                |       |             |                |         | ļ            |             |                                                  |              |             |             |         |          | ļ            | 1           | 1           | _ <         |                                                  |
| 20/      |     |     |                  |              |                |       |             | [ ]            | ĺ       | ĺ            |             | ĺ                                                | ĺ            | ·           |             |         |          | Í            | ľ           | 1           | 1           |                                                  |
| 18/      |     |     |                  | ļ            | ļ              |       |             | ļ              |         | <u> </u>     |             |                                                  |              |             |             |         |          |              |             |             |             |                                                  |
| 16/      |     |     | , , ,            |              |                |       |             |                | j       | j            |             | J                                                | j            |             |             |         |          |              | İ           | 1           |             |                                                  |
| OTAL     | . 1 | 8.3 | 44.              | 24.4         | 16.1           | 7.7   | 1.2         | 1.3            |         | L            |             |                                                  |              |             |             |         |          | <u> </u>     |             | 900         |             | 90                                               |
|          | i   |     |                  |              |                |       |             |                | l       |              | ĺ           |                                                  |              |             |             |         |          |              | 900         | 1           | 300         |                                                  |
|          | !   |     |                  | ļ            | İ:             |       |             |                |         |              |             |                                                  | l            |             |             |         |          | <u> </u>     | l           |             | l           |                                                  |
|          | - ( |     |                  |              |                |       |             |                |         | -            |             |                                                  |              |             |             |         |          |              |             |             |             |                                                  |
|          |     |     | _                | <u> </u>     | l              |       |             |                |         | <u>L</u> _   |             |                                                  |              |             | L           |         |          |              |             |             |             |                                                  |
|          |     |     |                  |              |                |       |             |                |         |              |             |                                                  |              |             |             |         |          |              |             |             |             |                                                  |
| lement   | (X) |     | ž <sub>X</sub> 2 | <u> </u>     | <del>   </del> | žχ    | <del></del> | Ţ.             | - · ·   | <del></del>  | No. Ol      | )s.                                              | 1            |             |             | Mean N  | lo. of t | lours wit    | h Tempera   | ture        |             |                                                  |
| tel. Hur | m.  |     | 600              | 06930        |                | 726   | 02          | 80,7           |         |              |             | 00                                               | ± 0          | F :         | 32 F        | ≥ 67    | F        | ≥ 73 F       | ≥ 80 F      | ≥ 93 F      | 1           | otal                                             |
| Dry Bull | ь Т |     | 20               | 34514        | 4              | 422   |             | 46.9           | 7.7     | 32           | 9           | 00                                               |              | -           | 4.1         |         | • 1      |              | †           | <del></del> | $\vdash$    | 9                                                |
| Wet Bul  |     |     |                  | 7632         |                | 396   |             | 44.0           |         |              | 9           | 00                                               |              | _           | 3.9         |         | -        |              |             |             | <del></del> | 9                                                |
| Dew Po   |     |     |                  | 9929         |                | 368   |             | 40.9           |         |              |             | 00                                               |              |             | 12.8        | -       | -+       |              | <del></del> | <del></del> |             | 9                                                |

USAFETAC FORM 0.26-5 (OL.A). BEVIND MEYIOUS EDITONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

2636045

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53.6 7.683

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43.3 7.844

#### **PSYCHROMETRIC SUMMARY**

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JUN . FORT SMITH NET DOT APT 57-66 26102 MONTH STATION NAME PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B. W.B. Dry Bulb Wer Bulb Dew Por (F) 74/ 73 72/ 71 70/ 69 , l .1 .4 .7 1.1 1.1 .6 1.9 1.7 .4 1.4 1.2 .8 2.7 1 .1 68/ 67 34 . 8 • I 34 64/ 63 45 45 .3 .3 1.4 1.4 1.2 .1 1.0 1.4 2.8 2.7 1.6 .4 1.2 1.6 3.1 1.7 1.2 .1 2.2 2.2 2.9 1.9 1.4 .1 2.4 2.7 2.2 1.9 .7 19 /29 54 54 60/ 59 92 92 30 587 -57 83 85 43 20 56/ 55 99 83 99 54/ 53 91 91 101 52/ 51 3.0 2.3 2.3 1.0 87 87 75 . 6 114 .8 1.3 1.7 2.0 50/ 49 69 69 114 .3 48/ 47 97 55 55 103 467 45 4 1.1 1.3 7 .6 2.0 . 9 39 39 71 95 44/ 43 .6 2.0 1.3 43 43 63 83 427 41 .6 .6 1.4 25 25 53 73 40/ 39 38/ 37 . 9 19 37 . 4 . 6 19 52 .2 1.1 18 18 34 67 36/ 35 . 2 •1 •2 9 18 52 . 2 34/ 33 34 16 32/ 31 30/ 29 11 27 23 28/ 27 17 267 25 14 24/ 23 3 22/ 21 20/ 19 2 18/ 17 ĩ TUTAL 4.017.221.224.217.210.6 4.8 900 900 900 900 No. Obs. X 69.815.179 Element (X) Mean No. of Hours with Temperature 62796 4588606 ± 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 93 F

900

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. 4

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9.3

2.7

• 1

ã 0 0.26.5 ( FORM JUL 04

Dry Bulb

Wet Bulb

Dew Point

# **PSYCHROMETRIC SUMMARY**

| 6102<br>STATUN |     | <b>(1 )</b> | MITH     | NWT<br>ST   | AT ION N |              |              | -              | <del></del>    | 57-          | <del>70</del> |               |         | YE            | ARS                                              |                |              | PAGE        | 1        | 0900-        | -110      |
|----------------|-----|-------------|----------|-------------|----------|--------------|--------------|----------------|----------------|--------------|---------------|---------------|---------|---------------|--------------------------------------------------|----------------|--------------|-------------|----------|--------------|-----------|
|                |     |             |          |             |          |              |              | _              |                |              |               |               |         |               |                                                  |                |              | 1 1         |          | TOTAL        | ., s. T.) |
| Temp.          |     |             |          |             |          | WET          | BULB         | TEMPER         | RATURE         | DEPRE        | SSION (I      | F)            |         |               | T== ==1                                          | 20 2           | 01 - 21      | D.B. W.B.   | Dan Bulk |              | Daw Po    |
| (F)            | 0   | 1 - 2       | 3 - 4    | 5 - 6       | 7 - 8    | 9 - 10       | 11 - 12      | 13 - 14        | 15 - 16        | 17 - 18      | 19 - 20       |               | 23 - 24 | 25 - 26       | 27 - 28                                          | 29 - 30        | 231          | 1           | Dry Dulb | We, 5015     |           |
| 84/ 83         |     |             | -        |             |          |              | į            |                |                |              | ,             | . 1           |         | 1             |                                                  |                |              | 1           |          |              |           |
| 82/ 81         |     |             | . ]      |             |          |              | ļ            | <u> </u>       | -              |              | • 1           |               |         | <u> </u>      |                                                  |                | <u> </u>     | 6           | - 6      |              |           |
| 80/ 79         | 1   |             | -        | i           |          | }            | i            | }              | • 1            | • 4          | . 3           | }             |         | }             |                                                  |                | 1            | 1 71        |          | î i          |           |
| 78/ 77         |     |             | İ        |             |          |              | l            |                | . 4            | • 2          |               |               |         |               |                                                  |                | 1            | 22          | 22       |              |           |
| 767 75         |     |             | 1        |             |          |              | . 4          |                | 1.1            | .6           | • 1           |               |         |               |                                                  |                |              | 32          | 32       |              |           |
| 74/ 73         | į   |             | į        | ļ           |          |              | . 6          | 1.0            |                |              | . 2           | . Z           |         |               | L                                                |                | ↓            | 46          | 46       |              |           |
| 72/ 71         | i   | 1           |          |             |          | • 3          |              | 1.7            |                | • 3          | - 1           | ĺ             |         | ĺ             | ĺ                                                |                |              |             |          |              |           |
| 70/ 69         | 1   |             |          |             | . 3      | 1.0          | 2.6          | 1.2            | . 9            |              |               |               |         |               |                                                  |                | $\bot$       | 55          | 55       |              |           |
| 58/ 67         |     |             |          | . 7         | . 3      | 1.3          | 2.2          | 1.2            | - ,8           | • 4          |               | Т             |         |               |                                                  |                | 1            | 63          | 63       |              |           |
| 66/ 65         | į   | į           | 1        | . 6         | . 8      | 2.3          | 2.7          | 1.9            | 1.2            | • 1          |               | }             |         |               |                                                  |                | 1            | 86          | 86       |              |           |
| 64/ 63         |     |             |          | . 6         | 1.8      | 1.8          | 2.4          | 2.0            | 1              |              |               | T             |         |               |                                                  |                | 1            | 80          | 80       |              |           |
| 62/ 61         |     | . 2         | . 3      | . 9         | 2.2      | 1.7          | 1.6          | 1.2            | 4              |              |               |               |         | l             |                                                  |                |              | 75          | 75       |              |           |
| 50/ 59         |     | 1.0         | 1.0      | . 8         | 2.4      | 1.07         | 1.0          | . 6            |                |              |               |               |         |               |                                                  |                | T            | 78          | 78       | 1            |           |
| 58/ 57         |     | . 8         | . 9      | 1.3         | 1.3      | , 5          | 1 . 3        | • 1            | L)             | j J          | ]             | ]             |         | ]             |                                                  |                |              | 60          | 60       |              |           |
| 56/ 55         | • 1 | 1.4         | . 7      | . 3         | . 9      | 1.0          |              | 4              | †              |              |               |               |         |               |                                                  |                |              | 25          | 52       |              |           |
| 54/ 53         | . 1 |             | . 0      | . 4         | . 8      | 1.7          | 1 .1         | • 1            | ļ              |              | - 1           |               |         |               | į į                                              |                | 1            | 47          | 47       |              |           |
| 327 31         | 7   | 1.7         | . 4      |             | 1.3      |              |              | t <del></del>  | <del> </del>   | 1            |               |               |         |               | <del>                                     </del> |                | <del> </del> | 52          | 52       |              |           |
| 50/ 49:        | . 1 |             |          |             |          | - 4          |              | i)             | }              |              | l             |               |         |               |                                                  | !              |              | 34          | 34       | ' I          |           |
| 487 47         | 2   |             |          | . 7         |          |              |              | 1              | <del> </del>   |              |               | ~             |         |               | <b>—</b>                                         | $\vdash$       | <del> </del> | 23          | 23       |              |           |
| 46/ 45         | 7   | • 1         |          |             |          |              |              |                | }              | l i          |               |               |         |               |                                                  |                |              | 16          | 18       | 58           |           |
| 447 43         | 1   |             |          |             |          |              | 1            | +              | +              | 1            |               |               |         |               | <del> </del>                                     |                |              | 17          | T.       | 47           |           |
| 42/ 41         | . 3 | . 4         | . 4      |             |          |              | 1            | İ              | i              | 1            |               | 1             |         | 1             | 1                                                | ĺ              | Ì            | 19          | 19       | 35           | ĺ         |
| 40/ 39         |     | - 3         | <b>.</b> | . 8         |          |              | <del> </del> | <del> </del>   | +              |              |               |               |         | +             | <del> </del>                                     | <del> </del> - | +            | 13          | 11       | 27           |           |
| 38/ 37         | ı   | . 3         |          | . 6         |          | 1            |              |                |                |              |               | l             |         |               | -                                                | Į              |              | 6           |          | 18           | -         |
| 30/ 35         | • 1 |             |          | . 2         | l        | -            | <del> </del> | <del> </del>   | +              | <del> </del> |               |               |         | ·             | +                                                |                | +-           | 3           |          | 9            | †—        |
| 34/ 33         |     | . 1         | ĺ        | ·           | 1        |              |              |                |                |              |               |               |         |               |                                                  |                |              | 1           | Ĩ        | 10           |           |
| 32/ 31         | . 2 |             |          |             |          | <del> </del> | +            | +              | <del>+</del>   |              |               | <del>  </del> |         | <del> </del>  | +                                                | $\vdash$       |              | Ž           |          | 9            |           |
| 30/ 29         | • 4 |             | ļ.       | !           |          | 1            | 1            | 1              | 1              | }            |               |               |         | 1             | 1                                                | 1              | i            | -           | _        | 2            | l .       |
| 28/ 27         |     |             | ļ        | ļ <i></i> - | j        | <del> </del> | <del> </del> | <del> </del>   | <del> </del>   | <del> </del> | ļ             | <del>  </del> |         | +             | <del> </del>                                     |                | +-           | +           |          | <del> </del> |           |
|                |     |             |          |             |          |              | 1            | 1              |                |              |               |               |         |               |                                                  | ]              |              |             |          |              | r         |
| 26/ 25         |     |             | ı        |             | ļ        | ļ            | <del> </del> |                |                | <del> </del> |               |               |         |               | ┼                                                | <del> </del>   | +            | +           |          | <del> </del> | ţ-·       |
| 247 23         |     |             |          |             | [        | 1            | 1            |                | 1              |              | : '           | ìì            |         | Ì             | Ì                                                | 1              | 1            | ) '         |          |              |           |
| 22/ 21         |     | _           | <u>.</u> | •           |          | ļ            | <del> </del> | <del> </del> - | <del> </del> - | ļ            | ļ             | ļ             |         | <del></del> - | <del> </del>                                     | <del>  -</del> |              |             |          | <del>-</del> | <u> </u>  |
| 20/ 19         |     |             | 1        | 1           |          |              |              | 1              |                |              |               |               |         |               |                                                  |                |              |             |          | 1            | 1         |
| Element (X)    |     | Σχ'         | •        |             | Σχ       | <del></del>  | X            | · ·            | 1              | No. Ob       | s.            |               |         |               | Mean                                             | No. of         | Hours w      | ith Tempera | -y       | - ,          |           |
| Rel. Hum.      |     |             |          |             |          |              |              |                |                |              |               | = 01          | =       | - 32 F        | ≥ 67                                             | F              | ≥ 73 F       | > 80 F      | - 93     | F            | Total     |
| Dry Bulb       |     |             |          | t           |          |              |              |                |                |              |               |               | I       |               | <u>i                                    </u>     |                |              |             |          |              |           |
| Wet Bulb       |     |             |          | 1           |          |              |              |                |                |              |               |               |         |               | 1                                                | $\exists$      |              |             |          |              |           |
| Da P           |     |             |          |             |          |              |              | +              |                |              |               |               |         |               |                                                  |                |              |             |          |              |           |

USAFETAC

HOEM 0.26-5 (OL. A)

26102

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

FORT SMITH NET DOT APT

#### PSYCHROMETRIC SUMMARY

MONTH -STATION NAME 0900-1100 WET BULB TEMPERATURE DEPRESSION (F)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 D.B.W.B. Dry Bulb Ver Bulb Dew Point 1 2 9 4 7 11 8 13 4 15 4 15 6 11 2 7 2 2 5 6 8 3 TUTAL 900 No. Obs. Mean No. of Hours with Temperature Element (X 3081548 <sup>2</sup> x 50203 33.817.677 ≥ 67 F = 73 F = 80 F Rel. Hum. ± 0 F ≤ 32 F 3334276 2394173 50.2 9.282 51.1 6.763 90 90 54140 700 23.2 6.8 . 5 • Z Dry Bulb 46019 900 1.1 Wer Bulb 1729598 38732 43.0 8.354 10.0

57-66

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OUSCIETE 0.26-5 (OL A) FOEM JUL 64 DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| LOZ             | FOR  | T SM       | ITH   |       | DIT   |        |          |              |         | 57-6           | <u> </u> |             |        | YEAR         | 5       |              |                |              | JUI<br>Monti             | +    |
|-----------------|------|------------|-------|-------|-------|--------|----------|--------------|---------|----------------|----------|-------------|--------|--------------|---------|--------------|----------------|--------------|--------------------------|------|
|                 |      |            |       |       |       |        |          |              |         |                |          |             |        |              |         |              | PAGE           | 1            | 1200 <b>-</b><br>HOUNS € |      |
| Temp.           |      |            |       |       |       | WET    | BULB T   | EMPER        | ATURE   | DEPRE          | SSION (F | )           | ,      |              |         |              | TOTAL          |              | TOTAL                    |      |
| (F:             | 0    | 1 - 2      | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12  | 13 - 14      | 15 - 16 | 17 - 18        | 19 - 20  | 21 - 22 2   | 3 24 2 | 5 - 26 27    | 28 29 - | 30 231       | D.B. W.B. D.   | y Bulb V     | Vet Bulb De              | ew P |
| 0/89            |      |            | :     | - :   | j     | ]      |          | i            | !       | ]              | !        | İ           | . 2    | • I          | 1       | -            | 2              | 2            | '                        |      |
| 8 / 87          | :    |            |       |       |       |        |          |              |         |                | .1       |             | -1     |              |         | -+           | 2              | 2            | <del>-</del>             |      |
| 6/ 85°<br>4/ 83 |      |            | 1     |       | 1     | i      |          |              | į       | 1              | i        | 1           | • •    | İ            |         | :            | 1              | 1            |                          |      |
| 2/81            |      |            |       | 1     |       |        |          |              |         | . 6            | 1.0      | . 1         | -      |              |         |              | 15             | 15           |                          |      |
| 0/ 79           |      |            | i     |       | !     |        |          |              | . 1     |                | . 8      | . 4         | }      | - 1          | -       | }            | 18             | 18           |                          |      |
| 8/ 77           |      |            |       | †     |       |        |          | . 3          | . 7     | 1.0            | .9       | .6          |        |              |         |              | 31             | 31           | 1                        |      |
| 6/ 75           |      | _ ,        | _ :   | ¦     |       |        | • 1      | 1.2          | 1.3     |                | . 8      |             |        |              |         | _            | 48             | 48           |                          |      |
| 47 73           |      |            | :     |       |       | .1     | . 6      |              | 1.0     | 1.2            | . 4      | İ           | 1      |              |         |              | 61             | 61           | 1                        |      |
| 2/ 71           |      |            |       |       | • 1   | . 3    | 1.0      |              |         | 1.8            | .9       |             |        |              |         |              | 91             | 91           | <del>-</del>             |      |
| 0/69            |      |            | . 2   | . 2   | . 3   | . 8    | 2.6      | 2.8          | 2.3     | 7.0            | . 2      |             | į      |              | 1       | ļ            | 90             | 90           | 1                        |      |
| 8/ 67<br>5/ 65  |      |            | • 2   | • 1   | .4    | 1.1    | 1.7      | 2.2          | 2.0     | •1             |          | <del></del> |        | -+           |         |              | 71             | 71           | 2                        |      |
| 4/63            | 1    | . 2        | . 3   | . 1   | 1.6   | 2.3    | 1.2      |              | . 4     | , · •          | 1        |             | 1      |              |         |              | 72             | 72           | 24                       |      |
| 27 31           |      | . 2        | . 3   | . 2   | 1.0   | .7     |          |              | . 2     | • 1            |          |             |        |              |         | 1            | 44             | 44           | 51                       |      |
| 0/ 59           |      | . 4        | . 8   | . 9   | 1.2   | . 9    | . 8      |              | . 2     |                |          |             |        |              | _,      |              | 61             | 61           | 90                       |      |
| 87 <b>57</b>    | • 1, | . 6        | . 6   | . 8   | .7    | . 6    | .7       | . 9          |         |                |          |             |        |              | 1       | 1            | 43             | 43           | 114                      |      |
| 6/ 55           | • 1  | . 7        | . 9   | • 1   | . 9   | 1.2    |          |              |         |                |          |             |        |              |         |              | 52<br>39       | 52<br>39     | 128                      | ;    |
| 4/ 53           | • 1  | 1.0        | . 3   | . 7   | . 8   |        | . 2      |              |         |                |          | 1           |        |              |         |              | 24             | 24           | 109                      |      |
| 2/ 51<br>0/ 49  | • 1, | .6         | - 4   | .8    |       |        |          |              |         |                |          |             |        | <del>-</del> |         |              | 14             | 14           | 62                       |      |
| 8/ 47           | • 1  | • 1        | 4     | . 6   |       |        |          | 1            |         |                | 1        | 1           | - 1    | 1            |         |              | 15             | 15           | 54                       | •    |
| 6/ 45           | -    |            | . 3   |       |       |        |          |              |         |                |          |             | -      |              |         |              | 14             | 14           | 49                       |      |
| 4/ 43           | . 2  | . 7        | • 1   | - 1   | . 7   | . 1    |          |              |         |                |          | 1           | -      |              |         |              | 17             | 17           | 42                       |      |
| 2/ 41           | •    | . 8        | . 4   |       | . 4   | • 1    |          |              |         |                |          |             |        |              |         |              | 19             | 16           | 21                       |      |
| 0/ 39           |      | . 2        |       |       | . 4   |        |          |              |         |                |          |             |        |              |         |              | 6              | 6            | 19                       |      |
| 7/37            | • ~  | . 2        | -     | - 1   |       |        |          | ĺ            | Ì       | ĺ              | 1        | - (         | - (    | ĺ            | (       |              | 2              | 2            | 8                        |      |
| 4/ 35           |      | , 2<br>• 2 |       |       |       |        |          | ļ            |         |                |          |             |        | +            |         |              | - 3            | - 2          |                          |      |
| 4/ 33°<br>2/ 31 |      | • 4        |       |       |       |        | ]        |              | !       | }              |          | - }         |        |              | Į       | }            | -              | -            | 6                        |      |
| C/ 25           |      |            |       |       |       |        |          |              | ļ       | <del> </del> - |          | -+          |        |              |         | <del></del>  | <del> </del>   |              |                          |      |
| 8/ 27           |      |            |       |       |       |        |          |              | ,       |                |          | \           | ĺ      |              |         | l            | <u> </u>       |              |                          |      |
| 6/ 25           |      | •          |       |       | •     | l      | <u> </u> |              |         | -              | 1        |             |        |              | ~       |              |                |              | - T                      |      |
| 4/ 23           |      |            |       |       |       | İ      |          |              |         | <u> </u>       |          |             |        |              |         |              | لمسينا         |              |                          |      |
| ement (X)       | 1    | x'         |       | _     | Σχ    |        | X        | •,           |         | No. Ob         | )\$.     |             |        |              |         |              | h Temperatu    |              |                          |      |
| nt. Hum.        |      |            |       | •     |       |        |          |              |         |                | }        | ± 0 F       |        | 32 F         | ≥ 67 F  | ≥ 73 F       | ≥ 80 F         | ≥ 93 F       | <del>'</del>             | otal |
| о В № — [       |      |            |       |       |       |        | ·        |              |         |                | }        |             |        | ·            |         |              | <del> </del> - | +            |                          |      |
| e / B - 6       |      |            |       |       |       |        |          | <del> </del> |         |                |          |             | +      |              |         | <del> </del> | <del> </del>   | <del> </del> |                          |      |
| ew Pont 1       |      |            |       |       |       |        |          |              |         |                |          |             |        |              |         |              |                |              |                          |      |

USAFETAC FIET 0.26 5 TOL AL

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DATA PROCESSING DIVISION USAF ETAG AIR MEATHER SERVICE/MAC

1688710

#### **PSYCHROMETRIC SUMMARY**

90

FORT SMITH NET OUT APT 57=66 26102 1200=1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

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1 TO 22/ 21 20/ 19 18/ 17 12/ 11 TUTAL 11 2 1.0 6.3 5.0 5.310.911.413.917.411.7 9.7 5.2 1.1 900 900 900 2x<sup>2</sup> 2434481 3747318 2516082 X 48.817.982 63.8 9.865 52.5 6.642 2 x 43925 No. Obs. Mean No. of Hours with Temperature Element (X) 267 F 273 F 280 F 293 F Rel. Hum. ± 0 F 1 32 F 57392 900 90 900 47210 90 Wet Buib

900

10.9

42.5 8.422

FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSCILÈTE

AFETAC FORM 0.26.5 (OL A)

### **PSYCHROMETRIC SUMMARY**

| STATION                      | F(  | IKT S                                            | WITH  |       | TUU          |               | <u>.                                    </u> |              |         | 57-          | 66      |             |        |                | YEARS  |          |                |      |             |             | J              | UN    |
|------------------------------|-----|--------------------------------------------------|-------|-------|--------------|---------------|----------------------------------------------|--------------|---------|--------------|---------|-------------|--------|----------------|--------|----------|----------------|------|-------------|-------------|----------------|-------|
| 314.04                       |     |                                                  |       | 3     | I A I I ON N | -ME           |                                              |              |         |              |         |             |        |                | TEARS  |          |                |      | PAG         | E 1         | 1500<br>HOURS  | -170  |
| Temp.                        |     |                                                  |       |       |              |               |                                              | TEMPER       |         |              |         | · -         | -      |                |        |          |                |      | TOTAL       |             | TOTAL          |       |
| (F)                          | 0   | 1 - 2                                            | 3 - 4 | 5 - 6 | 7 - 8        | 9 - 10        | 11 - 12                                      | 13 - 14      | 15 - 16 | 17 - 18      | 19 - 20 | 21 - 22     | 23 - 2 |                |        | 28 29    | - 30           | ≥ 31 | D.B. W.B.   | Dry Bulb    | Wet Bulb       | Dew P |
| 0/ 89                        |     |                                                  |       |       |              | }             | 1                                            |              |         |              | į       |             |        |                | 2      |          |                |      | 2           | 2           | ĺ              |       |
| 8/ 87<br>6/ 85               |     |                                                  |       |       |              |               |                                              | <b></b>      |         | <u> </u>     |         |             | • :    | <u> </u>       |        |          |                |      | 1           | 1           |                |       |
| 4/83                         |     |                                                  |       |       |              | ļ             | 1                                            |              | 1       |              |         | • 3         |        | 1              |        | - }      | - 1            |      | ,           | 3           | }              |       |
| 2/ 81                        |     |                                                  |       |       |              |               |                                              | ├            |         | . 4          | 9       | 1.1         |        | <b></b>        |        |          | _              |      | 22          | 22          |                |       |
| 0/ 79                        |     |                                                  |       |       |              |               |                                              |              |         | . 3          |         |             |        |                |        |          | ĺ              |      | 20          | 20          | !              |       |
| 87 77                        |     |                                                  |       |       |              |               | <del> </del>                                 | .1           | . 8     |              |         | -:1         | •      | <del></del>    |        | -        | $\dashv$       |      | 22          | 22          |                |       |
| 6/ 75                        |     |                                                  | i     |       |              | 1             | . 2                                          | 1            |         |              |         | 3           | •      | 1              |        |          | İ              |      | 43          | 43          | 1              |       |
| 4/ 73                        |     | <del>                                     </del> |       |       |              | . 2           |                                              |              | 1.6     |              |         |             | -      | +-             | +      | -        |                |      | 57          | 57          |                |       |
| 2/ 71                        |     | 1                                                |       |       | . 2          | -1            | 1.9                                          |              |         | 3.0          |         | . 1         |        |                |        |          |                |      | 90          | 90          |                |       |
| C/ 69                        |     |                                                  |       | . Z   | . 4          | 1.4           | 1.7                                          |              | 3.9     | 1.8          |         | $\neg \neg$ |        | <del> </del>   | +      | $\dashv$ |                |      | 104         | 104         |                |       |
| 8/ 67                        |     |                                                  | • 2   |       | • 1          | . 4           |                                              | 2.4          | 2.8     | 1.1          |         |             |        |                |        |          |                |      | 74          | 74          |                |       |
| 6/ 65                        |     |                                                  | • 1   |       | • 7          | . 8           |                                              |              | 1.2     |              |         |             |        |                | 1      |          |                |      | 54          | 54          | T              |       |
| 4/ 63                        |     | ļ.,                                              | . 4   |       | 1,1          |               | 1                                            |              |         | _ • 1        |         |             |        | 1              |        | . 1      |                |      | 73          | 73          |                |       |
| 27 61                        |     | •1                                               |       |       | . 3          | 1,3           |                                              |              |         |              |         |             |        |                | 7      |          |                |      | 61          | 61          | 39             |       |
| 0/59                         |     | • 2                                              |       |       |              |               |                                              |              |         |              |         |             |        | 1              |        |          |                |      | 58          | 58          | 95             |       |
| 8/ <b>57</b><br>6/ <b>55</b> | • 1 | . 9                                              | , 7I  |       |              |               |                                              |              |         |              |         |             |        |                |        |          |                |      | 41          | 41          | 102            |       |
| 6/ 55<br>4/ 53               |     | - 3                                              | •6    |       |              |               |                                              |              |         |              | _       |             |        | <u> </u>       |        |          | _              |      | 38          | 38          | 117            |       |
| 2/ 51                        |     | 1.2                                              |       | . 3   |              | 1.1           | . 2                                          | [            |         |              | ]       | J           |        |                | -      | - 1      | -              |      | 27<br>21    | 27<br>21    | 141            |       |
| 0/ 49                        |     | -1                                               |       |       |              |               | <u> </u>                                     | 1            |         |              |         |             |        | -              | +-     |          | _              |      | 18          | 18          | 53             |       |
| 8/ 47                        |     | . 3                                              |       | . 1   | .1           | .3            |                                              |              |         |              |         |             |        |                | ļ      |          |                |      | 14          | 14          |                |       |
| 67 45                        |     | . 4                                              | , ,   |       | - 9          |               |                                              |              |         | <del>-</del> | -       |             |        | <del></del>    | +      |          | -              |      | 21          | 51          |                |       |
| 4/ 43                        |     |                                                  |       |       | .7           |               | 1                                            | İ            |         |              | 1       | 1           |        |                |        |          |                |      |             | - 7         |                |       |
| 2/ 41                        |     | . 2                                              | . 3   | . 1   | . 3          | . 1           |                                              |              |         | <del> </del> |         |             |        | <del> </del> - | +      | -        |                |      | 10          | 10          |                |       |
| 0/ 39                        |     | . 3                                              |       |       | . 3          |               |                                              |              |         |              |         | 1           |        | 1              |        |          | i              |      | 7           | 7           | 17             | 1     |
| 8/ 37                        | • 2 |                                                  |       |       |              |               |                                              | 1            |         |              |         |             |        | T              | $\top$ | $\neg$   | $\top$         |      | 6           | 6           | 15             |       |
| 6/ 35                        |     | • 1                                              |       |       |              |               |                                              |              |         |              |         |             |        | 1              | ļ      |          |                |      | 1           | 1           | 14             | . (   |
| 4/ 33                        |     | •1                                               |       |       |              |               |                                              |              |         |              |         |             |        |                |        |          |                |      | 1           | 1           | 3              |       |
| 2/ 31                        |     | ·<br>                                            |       |       |              |               |                                              | ļ            |         |              |         |             |        |                |        |          |                |      |             |             | 3              |       |
| 07 29                        |     | i                                                |       |       |              |               | 1                                            |              |         |              |         |             |        |                |        |          |                |      |             |             | "]             |       |
| 8/ 27                        |     | ļ.,                                              |       |       | ·            |               |                                              | ļ            |         |              |         |             |        | 1              | 4_     |          |                |      |             |             |                | 3     |
| 6/ 25                        |     |                                                  |       |       |              |               |                                              |              |         |              | 1       |             |        | 1              |        |          |                |      |             |             |                |       |
| ement (X)                    |     | Σχ2                                              |       |       | Σχ           | <del></del>   | =                                            | -            |         | No. Ob       |         |             |        | J              | ٠      |          |                |      | Ţ           |             | L              |       |
| I. Hum.                      |     | <u>~x</u>                                        |       |       | - X          | -             | X                                            | <b>"</b> ₹   |         | 140. UE      | 3.      | = 0 F       | -      | ≤ 32 F         |        | 67 F     |                |      | Temperat    |             | <del>.</del> . | r1    |
| y Bulb                       |     |                                                  |       |       |              |               |                                              | <del> </del> | -+-     |              | +       | 2 U F       | +      | = 32 F         | +      | 0/ F     | ≥ 73           |      | 2 80 5      | ≥ 93 F      | '              | Total |
| et Bulb                      |     |                                                  |       |       |              | $\rightarrow$ |                                              | <del> </del> | _+-     |              |         |             | +      |                | +      |          | <del> </del> - |      |             | +-          |                |       |
| ew Point                     | -   |                                                  |       |       |              |               |                                              | <del> </del> |         |              | +       |             | _      |                | +-     |          | <del></del>    |      | <del></del> | <del></del> | +              |       |

FORM 0.26-5 (OLA) EEVISED MEVIOUS EDITIONS OF THIS FORM ARE OBJOURTE.

USAFETAC

DATA PROCESSING DIVISION USAF ETAC AIR HEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 102                             | F(1)                  | ?TS                                        | MITH          | NWT          | ULT.           | API         | <u></u>  |         |         | 57-      | 66      |         |              |              | E ARS    |            |             |              |          | J.       | ۱۸ <u>۱.</u><br>۱۸۱ |
|---------------------------------|-----------------------|--------------------------------------------|---------------|--------------|----------------|-------------|----------|---------|---------|----------|---------|---------|--------------|--------------|----------|------------|-------------|--------------|----------|----------|---------------------|
| 2 8110.4                        |                       |                                            |               | ,            |                |             |          |         |         |          |         |         |              | ,            | EARS     |            |             | PAG          | E 2      | 1500     | -1700               |
| Temp.                           |                       |                                            |               |              |                |             |          | TEMPERA |         |          |         |         |              |              |          |            |             | TOTAL        |          | TOTAL    |                     |
| (F)                             | 0                     | 1 - 2                                      | 3 - 4         | 5 - 6        | 7 - 8          | 9 - 10      | 11 12    | 13 - 14 | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24      | 25 - 2       | 6 27 - 2 | 8 29 -     | 30 = 31     | D.B. W.B.    | Dry Bulb | Wet Bulb |                     |
| 2/ 21                           |                       |                                            |               |              |                | ļ<br>!      |          |         |         |          |         |         |              |              |          |            |             |              |          |          | 1                   |
| 8/ 17<br>6/ 15<br>TAL           |                       | ;<br>!                                     | - A:          | <b>8</b> - 1 |                |             |          | 14.7    | * *     | 1 A 2    |         | 9 ×     |              |              |          |            |             |              |          |          |                     |
|                                 |                       | راد و حـــــــــــــــــــــــــــــــــــ | 0.4           | 201          | 7.1            | 10.4        | 1.3.1    | 1.4.1   |         | 10.9     | 2.7     | 3.7     | . 2          |              |          | ļ          |             | 900          | 900      | 900      | 90                  |
| !                               |                       | į                                          | İ             |              | l<br>          | 1           | !!!      |         |         |          |         |         |              |              |          |            |             |              |          |          |                     |
|                                 |                       | <br>                                       |               |              |                |             |          |         | _       |          |         |         |              |              |          |            |             |              |          |          |                     |
|                                 |                       |                                            |               |              |                |             |          |         |         |          |         |         |              | _            | 1        | 1          |             |              |          |          |                     |
| +                               |                       |                                            |               |              |                |             |          |         |         |          |         |         | -            | -            |          | +          | _           |              |          |          |                     |
|                                 |                       | <del> </del>                               |               |              |                | <del></del> |          |         |         |          |         | -       |              |              | +        | +-         |             |              |          |          |                     |
|                                 | j                     |                                            |               |              |                |             | 1        |         |         |          |         |         |              | -            | +        | +-         |             |              |          |          |                     |
|                                 |                       |                                            | · <del></del> |              |                |             | -        |         |         |          |         |         |              | -            |          | +-         | +           |              |          |          |                     |
| : ;                             | +                     |                                            |               |              |                |             | ļ        |         |         |          |         |         |              |              | -        | +-         |             |              |          |          |                     |
| +                               | <u>-</u>              |                                            |               |              |                |             | }        |         |         | -        |         |         |              | ļ            | -        | -          |             |              |          |          |                     |
|                                 | :                     |                                            |               |              | ļ              |             |          |         |         |          |         |         |              |              |          | _          |             |              |          |          |                     |
| j                               |                       |                                            |               |              |                |             |          |         |         |          |         |         |              |              |          |            |             |              |          |          |                     |
| · ·                             | - ·- · <del>-  </del> |                                            |               |              |                |             |          |         |         |          |         |         |              |              |          |            |             |              |          |          |                     |
|                                 | 1                     |                                            |               |              |                |             |          |         |         |          |         |         |              |              |          | $\uparrow$ |             |              |          |          |                     |
| · · · · · · · · · · · · · · · · |                       |                                            |               |              |                |             |          |         |         | <b>†</b> |         |         |              |              |          | _          |             |              |          |          |                     |
|                                 |                       |                                            |               |              |                |             | <b>†</b> |         |         | -        |         |         | <del> </del> | <del> </del> | +-       | +-         | -           | <b> </b>     |          |          |                     |
| ement (X)                       |                       | Σχ²                                        |               |              | ž <sub>X</sub> |             | X.       | 0,      |         | No. Ob   |         |         | <u> </u>     | <u> </u>     | Mean     | No. o      | f Hours wit | h Temperat   | ure      |          |                     |
| l. Hum.                         |                       |                                            | 1128          |              | 423            |             | 47.0     | 17.96   | 7       |          | 00      | ± 0     | F            | ≤ 32 F       |          | 7 F        | ≥ 73 F      | ≥ 80 F       | ≥ 93     | FT       | otal                |
| y Bulb<br>et Bulb               |                       |                                            | 2860<br>2905  |              | 582<br>474     |             |          | 9.74    |         |          | 00      |         | -            |              |          | 4.2        | 17.4        | 4.           | 2        |          | 9                   |
| ew Point                        |                       |                                            | 1898          |              | 380            |             | 42.3     | 8.40    | 79      |          | 00      |         | -            | 11.          |          |            |             | <del> </del> | +        |          | 79                  |

USAFETAC FORM 0.26-5 (OL.A) REVISIO MEVIOUS EDITIONS OF THIS HORM ARE OLDIGER

# **PSYCHROMETRIC SUMMARY**

| 6102              | F   | RT S  | MITH      |              | DUT          |              | •            |              |              | 57-          | 66           |                                                  |         |          | ARS          |          |              |                                                  |          | JU           |          |
|-------------------|-----|-------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------------------------------|---------|----------|--------------|----------|--------------|--------------------------------------------------|----------|--------------|----------|
| 3141.34           |     |       |           | 3            | I A I I ON N | AME          |              |              |              |              |              |                                                  |         |          | - AN 3       |          |              | PAGE                                             | 1        | 1800-        | 200      |
| Temp.             |     |       |           |              |              | WET          | BULB         | TEMPER       | ATURE        | DEPRE        | SSION (      | F)                                               |         |          |              |          |              | TOTAL                                            |          | TOTAL        |          |
| (F)               | 0   | 1 - 2 | 3 - 4     | 5 - 6        | 7 - 8        | 9 - 10       | 11 - 12      | 13 - 14      | 15 - 16      | 17 - 18      | 19 - 20      | 21 - 22                                          | 23 - 24 | 25 - 26  | 27 - 28      | 29 - 30  | > 31         | D.B. W.B. D.                                     | y Bulb   | Wet Bulb [   | Dew P    |
| 88/ 87            |     |       |           |              |              |              |              |              |              |              |              |                                                  |         | • 1      |              |          | }            | 1                                                | 1        |              |          |
| 86/ 85            |     | 1     |           |              |              |              |              |              | Ĺ            |              |              | .1                                               | • 1     |          |              |          |              | 2                                                | 5        |              |          |
| 827 81<br>80/ 79: |     | ļ .   |           | 1            |              | 1            | i            | ł.           | ]            | .3           | 3            | . 3                                              |         |          |              |          | ļ            | 17                                               | 8<br>17  | )            |          |
| 78/ 77            |     | :     |           |              |              |              | <del> </del> |              | ļ            | . 9          | 1.1          | • 4                                              |         | <b>-</b> |              |          | ļ            | 17                                               | - 17     | ļ            |          |
| 76/ 75            |     | ! !   |           |              | }            | 1            | }            | .8           |              |              | 1 _          | • 4                                              | . 1     | }        | )            |          | ļ            | 25                                               | 25       | }            |          |
| 74/ 73            |     |       |           |              |              | · • 1        | .7           | 9            |              | 1.4          | .4           | •1                                               |         |          | ·            |          | <del> </del> | 46                                               | 46       |              |          |
| 72/ 71            |     | !     |           |              |              | 1.0          |              |              |              |              |              | , T                                              |         |          | ) }          |          |              | 68                                               | 68       |              |          |
| 07 69             |     | -     |           |              | .4           |              |              | 1.3          |              | 2.0          |              |                                                  |         |          |              |          | <del></del>  | 81                                               | 81       |              |          |
| 8/ 67             |     | 1 1   |           | - 1          | . 4          |              | 1.9          | 2.8          | 1.9          | 1.0          |              | , <u>)</u>                                       |         | ,        |              |          |              | 82                                               | 82       | ; ;          |          |
| 07 65             |     |       | • 3       | .4           | - 9          | .4           | 1.6          | 2.9          | 1.3          | • 3          |              |                                                  |         |          |              |          | <u> </u>     | 74                                               | 74       |              |          |
| 4/ 63             |     | • 1   | . 4       | .7           | , 9          | , 9          | 1.6          | 1.1          | . 6          | • 1          |              |                                                  |         |          |              |          | ĺ            | 57                                               | 57       |              |          |
| 2/ 61             |     | . 2   | 1.1       | . 4          | 1.2          | Z, 1         | . 8          | 1.3          | 1.3          |              |              |                                                  |         |          |              |          |              | 77                                               | 77       | 48           |          |
| 0/ 59             | • 1 | 1     | 1.2       |              |              | J            | 1.9          | 1.1          | . 2          |              |              |                                                  |         |          |              |          | ļ            | 91                                               | 91       | 90           |          |
| 8/ 57             |     | 1.0   | . 9       | . 8          | , 9          |              |              |              | 1            |              |              | - 1                                              |         |          |              |          |              | 56                                               | 76       | 104          |          |
| 6/ 55<br>4/ 53    |     |       | 1.8       |              | 1 7 1        |              |              |              |              | ļ            |              |                                                  |         |          |              |          | ļ            | 38                                               | 38<br>35 | ,            |          |
| 2/ 51             | - 1 | 1.4   | . 5       | .3           |              |              | . 3          |              |              | ĺ            | ĺ            | i                                                |         |          | 1            |          | 1            | 36                                               | 36       | ,            |          |
| 0/ 49             |     | - 3   |           |              |              |              |              | !            | <b></b> -    |              |              |                                                  |         |          |              |          |              | 24                                               | 24       | 72           |          |
| 8/ 47             |     | . •   | . 1       |              |              |              |              |              | 1            | i            | (            |                                                  |         | i        | { }          |          | 1            | 10                                               | 10       | I 71         |          |
| 67 45             |     | 1     |           |              |              |              |              |              |              |              |              |                                                  |         |          |              |          | <del> </del> | 14                                               | 14       | 1 1          |          |
| 4/ 43             |     |       | . 1       | 1            |              |              |              | ĺ            | į .          | 1            | {            | 1                                                |         | l        | } {          |          | 1            | 12                                               | 12       |              |          |
| 27 41             |     | • 1   | . 3       |              |              |              |              |              | <del> </del> | <b></b> -    |              |                                                  |         |          |              |          |              | 11                                               | II       |              |          |
| 0/ 39             |     | . 4   |           | .1           |              |              | 1            | 1            | {            | l            | <b>!</b> :   | 1                                                |         | }        | } }          |          | }            | 10                                               | 10       | 11           |          |
| 87 37             | • 7 | . 4   |           |              |              | ļ ——         | 1            |              | <del> </del> |              |              | - 1                                              |         |          |              |          |              | 6                                                | 6        | 18           |          |
| 6/ 35             |     | 2     |           | :            |              | 1            | ł            | ì            | 1            | ł            | ł            |                                                  |         | }        |              |          |              | 2                                                | 2        |              |          |
| 4/ 33             |     | !     |           |              |              |              | 1            |              |              |              | -            |                                                  |         |          |              |          |              | Ţ <del></del>                                    |          | 8            |          |
| 2/ 31             |     | · ·   |           | l            |              | l            |              | L            | L            |              |              |                                                  |         |          |              |          | ļ            |                                                  |          | 3            |          |
| 0/ 29             |     | İ     |           |              |              | 1            | 1            |              | }            | 1            |              |                                                  |         | }        | )            |          |              |                                                  |          |              |          |
| 8/ 27             |     | L ·   |           | ļ .— - ·     | ļ            | ļ            | <u> </u>     |              | ļ            | <u> </u>     | ļ            |                                                  |         | <b> </b> |              |          | <u> </u>     | <del>                                     </del> |          | -            |          |
| 6/ 25             |     |       |           |              |              |              |              |              | )            |              |              |                                                  |         | }        | , {          |          |              |                                                  |          |              |          |
| 2/ 21             |     | i     | <u></u> - |              | ļ            | <del> </del> |              | <del> </del> | <del> </del> | <del> </del> | <del> </del> | <del>                                     </del> |         | <u> </u> | ├            |          |              | <del> </del>                                     |          | <del> </del> |          |
| 0/ 19             |     | !     |           | į            |              | ]            | 1            |              | }            |              | 1            |                                                  |         | 1        | 1            |          | 1            |                                                  |          |              |          |
| lement (X)        |     | Zx'   |           | <del> </del> | ZX           | <del></del>  | Ž -          | 0,           | <del></del>  | No. OI       | )s.          |                                                  |         |          | Mean N       | lo. of H | OUTS WIT     | rh Temperatur                                    | •        | <del></del>  |          |
| el. Hum.          |     |       |           |              |              |              |              | · ·          |              |              | +            | * 0 F                                            |         | 32 F     | ≥ 67         |          | 73 F         | ≥ 80 F                                           | ≠ 93     | FT           | otal     |
| ry Bulb           |     |       |           | <del> </del> |              |              |              | <del> </del> | -+-          |              |              |                                                  |         |          | <del> </del> |          |              | †                                                |          | _            | <u> </u> |
| let Bulb          |     |       |           | 1            |              |              |              | <del> </del> |              |              |              |                                                  |         |          | <del> </del> | $\neg$   |              |                                                  |          |              |          |
| ew Point          |     |       |           |              |              | -+           |              |              |              |              |              |                                                  |         |          |              |          |              | 1                                                |          |              |          |

USAFETAC FORM 0-26-5 (O.E.A) REVISED MEYOUS EDITIONS OF THIS H

DATA PROCESSING DIVISION USAF ETAL AIR MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 6102<br>STATION     | Fil | RT S  | MITH         |              | UIT<br>TATION N |                | <u> </u>     |         |         | 57-          | 66      |         |         | YE      | ARS     |         |              |           |          | , j      | UN<br>NTH      |
|---------------------|-----|-------|--------------|--------------|-----------------|----------------|--------------|---------|---------|--------------|---------|---------|---------|---------|---------|---------|--------------|-----------|----------|----------|----------------|
|                     |     |       |              |              |                 |                |              |         |         |              |         |         |         |         |         |         |              | PAG       | £ 2      | 1800     | -200           |
| Temp.               |     |       |              |              |                 |                | BULB '       |         |         |              |         |         |         |         |         |         |              | TOTAL     |          | TOTAL    |                |
| (F)                 | 0   | 1 - 2 | 3 - 4        | 5 - 6        | 7 - 8           | 9 - 10         | 11 - 12      | 13 - 14 | 15 - 16 | 17 - 18      | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31         | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Poi        |
| 18/ 17<br>16/ 15    |     |       | İ            |              |                 |                |              |         |         |              |         |         |         |         |         |         |              |           |          |          |                |
| UTAL                | . 4 | 6.7   | 8.3          | 6.4          | 12.3            | 12.0           | 15-1         | 13.4    | 10.     | 9.1          | 3.3     | 1.1     | • 2     | •1      |         |         |              | 900       | 900      | 900      | 90             |
|                     |     |       |              |              |                 |                |              |         |         |              |         |         |         |         |         |         |              |           |          |          |                |
| !                   |     |       |              |              |                 |                |              |         |         |              |         |         |         |         |         |         |              |           |          |          |                |
|                     |     |       |              | -            |                 | _              |              |         | -       | +            |         |         | _       |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 |                | -            |         |         |              |         |         |         |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 |                | -            | -       |         | -            |         |         |         |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 | _              |              |         | -       | <del> </del> |         |         |         |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 |                |              |         |         | ļ            |         |         | -       |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 |                | <u> </u>     |         |         | <u> </u>     |         |         |         |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 | ļ              | ļ            |         |         | ļ            |         |         | _       |         |         |         |              |           |          |          |                |
|                     |     |       |              |              |                 |                |              |         |         |              |         |         |         |         |         | _       |              |           |          |          |                |
| İ                   |     | L     |              |              |                 |                |              |         |         |              |         |         |         |         |         |         |              |           |          |          |                |
| ĺ                   |     |       |              |              |                 |                |              |         |         |              |         |         |         |         |         |         |              |           |          |          |                |
|                     |     |       | †            |              |                 |                |              |         |         |              |         |         |         |         |         |         |              |           | -        | **       |                |
|                     |     | <br>  | +<br>i       | <del> </del> |                 |                |              |         |         |              |         |         |         |         |         |         | -            | _         |          |          |                |
|                     |     |       |              |              |                 | <del>  -</del> | -            |         |         | <del> </del> |         |         |         |         |         |         |              |           |          |          |                |
|                     | -   |       |              |              |                 | -              | <del> </del> |         |         |              |         |         |         |         |         | _       |              |           |          |          |                |
| lement (X)          |     | Σχ'   |              |              | Z X             | 1              | <u>x</u> .   | , ° x   |         | No. Ol       |         |         |         |         | Mean N  | o. of H | ours with    | Tempera   | ure      |          |                |
| el. Hum.<br>ry Bulb |     |       | 9612<br>6908 |              | 458<br>563      |                | 50.9<br>62.8 | 18.5    | 30      |              | 00      | ≠ 0     | F :     | 32 F    | ≥ 67.   |         | 73 F<br>11.6 | * 80 F    | 2 93 F   |          | Total <b>9</b> |
| et Bulb             |     | 248   | 7426         |              | 469             | 64             | 52.2         | 6.3     | 73      | 9            | 00      |         |         | . 3     | 340     |         | 1100         | 7.0       |          |          | 7              |
| Dew Point           |     | 1/0   | 5972         |              | 384             | 10             | 42.7         | 8.5     | 71      |              | 00      |         |         | 11.0    |         |         |              |           |          |          | 9              |

USAFETAC FORM 0.26-5 (OL.A) REVISIO MEVIOUS EDITOMS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DOT APT 26102 5-4---N 57-66 PAGE 1

2100-2300 HOURS IL. S. T.

JUN

| Ten    | np.  |                                                |          |              | _     |       |          |             | WE.          | BULB           | EMPER        | ATURE            | DEPRE            | SSION        | (F)                                              |                                                  |               |                |        |                 | TOTAL                                            |              | TOTAL          |          |
|--------|------|------------------------------------------------|----------|--------------|-------|-------|----------|-------------|--------------|----------------|--------------|------------------|------------------|--------------|--------------------------------------------------|--------------------------------------------------|---------------|----------------|--------|-----------------|--------------------------------------------------|--------------|----------------|----------|
| (F     |      |                                                | 0        | 1 - 2        |       | 3 - 4 | 5 - 6    | 7 - 8       | 9 - 10       | 11 - 12        | 13 - 14      | 15 - 16          | 17 - 18          | 19 . 20      | 21 - 22                                          | 23 . 24                                          | 25 - 26       | 27 - 28 2      | 9 - 30 | ≥ 31            | D.B. W.B.                                        | Dry Bulb     | Wet Bulb       | Dew Poir |
| 78/    | 7    | 7                                              |          |              | _     |       |          |             |              | +              |              | 1                | • 1              | T            | •                                                | ; ;                                              |               |                |        |                 | 1                                                | 1            |                |          |
| 741    |      |                                                |          |              | 1     | ļ     | ļ        |             | 1            | -1             | . 2          | . 1              | 1                | i            | i                                                |                                                  |               |                | 1      |                 | 4                                                | 4            |                |          |
| 727    | 7    | 1                                              |          | •            | •     |       |          | . 1         |              | 2 .4           | . 3          | .1               |                  | †            | <del></del>                                      | 1 1                                              |               |                |        |                 | 11                                               | 11           |                |          |
| 70/    | 6    | 9                                              |          |              | 1     | !     |          | . 1         |              |                | . 6          |                  |                  | }            | }                                                | ) }                                              |               | Ì              | - 1    |                 | 15                                               | 19           | Ú I            |          |
| 687    |      |                                                |          |              | - • - |       | .1       | .6          | +            |                | . 8          |                  |                  | <del> </del> | 1                                                |                                                  |               |                |        |                 | 33                                               | 33           |                |          |
| 66/    | _    | -                                              |          | 1            |       | İ     | . 8      | 1.1         | 1            |                | . 3          | . 2              |                  | 1            | 1                                                | 1 1                                              |               |                |        |                 | 47                                               | 47           |                |          |
| 647    | _    | 3 :                                            |          |              |       | .7    | . 6      |             |              |                |              |                  |                  |              | <del></del>                                      |                                                  |               |                |        |                 | 59                                               | 59           |                |          |
| 62/    | _    |                                                |          |              | 6     | 1.6   | 1.8      | 1.0         | 1 - 1        |                | .3           |                  |                  | ŀ            |                                                  | [ [                                              |               |                | 1      |                 | 74                                               | 74           |                |          |
| 607    |      | 59                                             | -1       | 1.           | 7     | 1.7   | 1.7      | 1.6         |              | .7             | •1           | }- <del></del> - | <del> </del>     |              | <del>                                     </del> |                                                  |               |                |        |                 | 81                                               | 81           | 1 1            |          |
| 58/    |      |                                                | •        | 2.           | 1     | 2.0   | 2.6      |             |              |                | .1           |                  |                  | ļ            | İ                                                |                                                  |               |                |        |                 | 104                                              | 104          |                | 26       |
| 36/    |      |                                                | •1       | 1            | -     | 3.0   | 2.3      | 1.9         | 1.           |                |              |                  | <del></del>      |              | +                                                |                                                  |               |                |        |                 | 101                                              | 101          | 1              | 42       |
| 54/    |      | 3                                              | i        |              | a     | 7     | 1.6      | 1.6         | I            |                |              |                  | l                |              | 1                                                | }                                                | }             | ļ              | ļ      |                 | 67                                               | 67           |                | 49       |
| 327    |      | νı –                                           | -;;      |              | Ť     | 2.3   | 1.6      | 1.0         |              |                |              |                  | <del> </del>     |              | +                                                | <del>  </del>                                    |               |                |        |                 | 69                                               | 69           |                | 74       |
| 50/    |      |                                                | . 2      |              | 7     | 1.7   | 2.0      | 7           |              |                |              | [                | 1                | 1            | {                                                |                                                  |               | - 1            | 1      |                 | 58                                               | 58           |                | 83       |
| 487    |      | 7                                              | .3       |              | . 1   | 2.0   | 9        | 1.4         |              | <del></del>    |              |                  | <del> </del>     | <del> </del> | <del> </del>                                     | <del>                                     </del> |               |                |        |                 | 4A                                               | 48           |                | 78       |
| 46/    | -    | 5                                              | .2       |              |       |       | . 8      | 1           |              | ٦              | ,            | 1                |                  |              |                                                  | ]                                                |               | .              | ĺ      |                 | 29                                               | 29           |                | 83       |
| 447    |      | - 1                                            |          |              |       | 1.7   |          |             |              | +              |              |                  | <del> </del>     | <del></del>  | +                                                | +                                                |               |                |        |                 | 32                                               | 32           |                | 74       |
| 42/    |      | 1                                              |          | :            | 9     | 3     | . 4      |             |              | 1              | '            | ļ                |                  | ļ            |                                                  |                                                  |               | }              |        |                 | 17                                               | 17           |                |          |
| 407    |      | 10                                             |          |              | 6     | . 8   |          |             | <u>-</u>     | +              |              |                  | <del> </del> -   |              | +                                                | <del> </del>                                     |               | +              |        |                 | 17                                               | - ii         |                | 83       |
| 38/    | -    | 37                                             | . 4      |              | 3     | . 2   | .7       |             |              | İ              | ł            | }                | Ì                | l            | 1                                                | }                                                | } ,           |                | Ì      |                 | 16                                               | ie           |                |          |
| 367    |      | 35                                             | • 1      |              | 2     | .2    | . 2      |             |              |                | <del> </del> | <del> </del> -   |                  | <del> </del> | +                                                | <del> </del>                                     |               |                |        |                 | <del>  • • •  </del>                             |              | 16             | 47       |
| 34/    | -    | 33                                             | • 1      | 1 .          | 3     | . 2   |          |             |              |                | 1            |                  | ł                |              |                                                  |                                                  | '             |                | - (    |                 | 6                                                | ·            | io             |          |
| 32/    |      | 51                                             |          | ļ            | 7.    | .3    |          |             | <del> </del> | · <del> </del> | -            | <del></del>      | <del> </del>     |              | +                                                |                                                  |               |                |        |                 |                                                  |              | ii             | 33       |
| 30/    |      | 29                                             |          |              | - [   | •-    |          | J           |              |                | \<br>        | ļ                | i                | 1            | 1                                                | 1                                                |               | 1              |        |                 | 1                                                | •            |                | 22       |
| 287    |      | 27                                             |          |              | 1     |       |          |             |              | +              | <del> </del> | <b>├-</b> ─      | f                |              | -                                                | <del> </del> -                                   | <del></del>   |                |        |                 | <del>                                     </del> | -            | -              | ī        |
| 26/    | _    | 25                                             |          | •            | 1     | · ·   |          | 1           | 1            | 1              | 1            | }                | Į                |              |                                                  | 1                                                | )             |                | - 1    |                 | 1                                                | •            | 1              | ic       |
| 24/    | _    | 23                                             |          | <del> </del> | +     |       |          |             |              | <del></del>    |              |                  | <del> </del> -   | ├            | +                                                | <del> </del>                                     |               | +              |        |                 | <del>  </del>                                    |              | <del> </del>   |          |
| 22/    |      |                                                |          |              | - [   |       |          |             |              |                | (            | 1                | Í                |              | (                                                | 1                                                |               |                | - 1    |                 | 1                                                |              | 1              | ,        |
| 20/    |      |                                                |          | <u> </u>     | +     |       | ļ        |             | +            |                |              | ├                | <del>  -</del> - | <b>├</b> ~   | <del> </del>                                     | -                                                | <del></del> , | <del>  </del>  |        |                 |                                                  |              | <del> </del>   |          |
| 18/    |      |                                                |          |              | -     |       |          |             |              |                | ĺ            |                  |                  |              |                                                  | 1                                                |               |                |        |                 |                                                  |              |                | {        |
| TÜTA   |      |                                                | 2.0      | 16-          | 20    | 0.2   | 19.1     | 16.0        | 12:          | 5 8.8          | 3.8          | 1.1              | 2                | <del> </del> | +                                                | <del> </del>                                     |               |                |        |                 | <del>├</del> }                                   | 900          | <del> </del> - | 900      |
|        | -    | - 1                                            |          |              | 7     |       | - / - •  |             | <b></b>      | _              | ""           | •••              | `}               |              | }                                                |                                                  |               | ]              | j      |                 | 900                                              | - 00         | 900            |          |
|        |      |                                                |          |              | +-    |       |          |             |              | +              | -            | -                | <del> </del>     |              | +                                                |                                                  |               | <del></del>    | -      |                 | 700                                              |              | 700            |          |
| Eleme  | nt f | ×,                                             |          | Σχ²          |       |       |          | E X         | <del></del>  | X              | •            | L                | No. OI           | <u></u>      | <del>                                     </del> | L                                                |               | Mean No        | of Ho  | urs wit         | h Temperati                                      | //8          |                | ——       |
| Rel. H | -    |                                                |          |              | 24    | 439   |          | <u> 398</u> | 307          | 66,5           |              |                  |                  | 00-          | ₹ 0                                              | F .                                              | 32 F          | ≥ 67 1         |        | 73 F            | ≥ 80 F                                           | 2 93         | F .            | Total    |
| Dry B  |      | -+-                                            |          |              |       | 235   | <u> </u> | 49          |              | 55.3           |              |                  |                  | 00           | <del>                                     </del> | <u> </u>                                         | . 4           | 5.             |        | <del>/3</del> 5 |                                                  | +-'3         | <del>-</del>   | 9(       |
| Wet B  |      | . }.                                           | <u> </u> |              |       | 044   |          | 44          |              | 49.2           |              |                  |                  | 00           | <del> </del>                                     |                                                  | 1.9           | <del>-</del> - |        |                 | <del> </del>                                     | +            |                | 9        |
| Dew F  |      |                                                |          |              | -     | 128   |          | 39          |              | 43.4           |              |                  |                  | 00           | <del> </del>                                     |                                                  | 9.5           |                |        |                 | <del> </del>                                     | <del> </del> |                | 90       |
|        | חים  | <u>.                                      </u> |          | •            |       |       | L.,      | - ' '       |              |                |              |                  |                  | <u> </u>     |                                                  |                                                  |               |                |        |                 | <u> </u>                                         | ٠            |                |          |

USAFETAC FORM 0.26-5 (OLA) REVISED MENOUS EQUITONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

26102 FORT SMITH NWT DOT APT 57-66 JUL 0000-0200 PAGE 1

| Temp.      |           | _           |          |         |       | WET    | BULB | TEMPER         | ATURE    | DEPRE        | SSION / | F)          |          |          |             |              | TOTAL          |              | TOTAL    |       |
|------------|-----------|-------------|----------|---------|-------|--------|------|----------------|----------|--------------|---------|-------------|----------|----------|-------------|--------------|----------------|--------------|----------|-------|
| (F)        | 0         | 1.2         | 3 - 4    | 5 - 6   | 7 . 8 |        |      |                |          |              |         |             | 27 24    | 25 26    | 27 29 20    | - 30 ≥ 31    |                | Dry Bulb     |          | Dam P |
| 78/ 77     |           |             |          | 3.0     |       | 7 . 10 | .1   |                | 13 - 10  | 17 - 10      | 17 - 20 | 21 - 22     | 23 . 24  | 23 . 26  | 27 - 20 27  | - 30 - 31    | 1              | 3            | WE, 0010 | Dew 1 |
| 76/ 75     |           | į           |          |         |       | . 1    | ••   |                |          |              |         |             |          |          |             |              | ;              | 1 :          | 1        |       |
| 74/ 73     |           | -           |          |         | .1    |        | -    |                |          |              |         |             |          |          | <del></del> |              | + + +          | <del></del>  | ļ        | -     |
| 72/ 71     |           |             |          |         | • •   | . 3    | ĺ    |                |          | ĺĺ           |         |             | ł        | 1        | 1           | - 1          |                | 2            | 1        | 1     |
| 70/ 69     |           | ·           |          |         | - 4   | . 3    |      |                |          | $\vdash$     |         | <del></del> |          |          |             |              | 2              | 9            |          |       |
| 68/ 67     |           |             | • 1      | ٠,      | .5    |        |      |                |          |              |         |             |          |          |             |              | 2              |              |          | İ     |
| 66/ 65     |           | -           | • 1      | , 4     |       | . 4    |      |                |          |              |         |             | ļ        |          |             |              | 15             |              |          | ļ     |
| 64/ 63     |           | 1           | 1        |         |       | . 5    |      |                |          |              |         |             |          |          | l i         |              | 17             |              | 2        |       |
|            |           | 1.2         |          |         | -     | _ , 4  |      |                |          |              |         |             |          |          |             |              | 51             |              | 7        |       |
| 62/ 61     | - 4       |             |          |         |       | . 8    |      | ii             |          | 1 1          |         | İ           | ł        |          | } }         | 1            | 90             |              | 27       | ]     |
| 60/ 59     | . 5       |             |          | -,      |       | . 3    |      |                |          |              |         |             |          |          |             |              | 100            |              | 55       | 3     |
| 58/ 57     | 1.1       |             |          |         | • 5   |        |      |                |          |              |         |             |          |          |             |              | 100            |              | 92       |       |
| 56/ 55     | 1.5       |             |          | 2.5     |       |        |      | <u> </u>       |          |              |         |             |          |          |             |              | 144            |              | 131      |       |
| 54/ 53     | • 3       | 6.3         |          |         | , 3   |        |      |                |          |              |         |             |          |          |             |              | 119            | 118          | 125      | 5     |
| 52/ 51     | . 4       | 4.0         |          | _       | • 1   |        |      | ]              |          |              |         |             |          |          |             |              | 73             | 73           | 138      | 13    |
| 50/ 49     | 1.2       |             |          | . 8     |       |        |      |                |          |              |         |             |          |          |             |              | 59             | 59           | 121      | 13    |
| 48/ 47     | . 5       | 3.3         | 1.1      | . 9     |       |        |      | i i            |          |              | 1       |             |          |          |             | 1            | 54             | 54           | 71       | ĩı    |
| 46/ 45     | • 6       |             | . 4      | • 2     |       |        |      |                |          |              |         |             |          |          |             |              | 50             | 50           | 57       | 8     |
| 44/ 43     | • 3       | 1.6         | .6       |         |       |        | ĺ    |                |          |              |         |             |          |          |             |              | 24             | 24           | 47       | 9     |
| 42/ 41     | . 2       | 1.2         |          |         |       |        |      | -              |          |              |         |             |          | 1        |             |              | 13             | 13           | 32       | 3     |
| 40/ 39     | . 1       | • 2         | • 1      |         |       |        | !    |                |          |              |         |             |          |          |             |              | 4              | 4            | 14       | i     |
| 38/ 37     |           | . 5         |          |         |       |        |      |                |          | <del> </del> |         |             | <u> </u> |          |             | -            | - 6            | 6            | - 5      | 1     |
| 36/ 35     |           |             | _        |         |       |        |      |                |          |              | i       |             |          | ļ        | 1           |              | •              | , •          | ,        | i     |
| 34/ 33     |           | _           |          |         |       |        |      | -              |          |              |         |             |          |          |             | -            | <del> </del> - | <b>├</b> —   |          |       |
| 32/ 31     |           |             |          |         |       |        |      |                |          |              |         |             |          |          |             | 1            |                | !            | •        |       |
| UTAL       | 7.3       | 39.4        | 26.3     | 17.4    | 5.9   | 3,3    | . 3  |                |          |              |         |             |          |          |             |              | <del></del> -  | 930          |          | 93    |
|            |           |             |          | • • • • |       |        |      |                |          |              |         |             |          |          |             |              | 930            |              | 930      |       |
| <u>+</u>   |           |             |          |         |       |        |      |                |          |              |         |             | ——       |          | $\vdash$    | _            | 730            | <del> </del> | 7.30     |       |
|            |           |             |          |         |       |        | ]    |                |          |              |         |             |          | 1        |             |              |                | 1 3          |          |       |
|            |           |             | <u> </u> |         |       |        | ļ    |                |          |              |         |             |          |          |             |              | ļ              | <b>↓</b> '   |          |       |
|            |           |             |          |         |       |        |      | ĺ              |          |              |         |             |          |          | i           |              | į.             | 1            |          |       |
|            |           | ļ <u> —</u> |          |         |       |        |      |                |          |              |         |             |          | <u> </u> |             |              | <b></b>        | ļ            |          |       |
|            |           |             |          |         |       |        | 1    |                |          |              |         |             |          |          |             | ĺ            |                |              |          |       |
|            |           | <u> </u>    |          |         |       |        | -    | $\vdash$       |          |              |         |             |          |          |             |              | <u> </u>       |              |          | L _   |
|            |           | }           |          |         |       |        |      |                | ,        | 1 Í          | İ       |             |          | ] 1      |             |              |                | !            |          |       |
| lement (X) |           | Σχ²         |          |         | Ż X   | _      | ¥    | σ <sub>8</sub> | _        | No. Obs      | .       |             |          | <u> </u> | Mean No.    | of Hours wit | h Tempera      | ture         |          |       |
| Rel. Hum.  |           |             | 3866     |         | 757   | 42     |      | 11.60          | 79       |              | 30      | ± 0 l       | F ,      | : 32 F   | ≥ 67 F      | ≥ 73 F       | - 80 F         | ≥ 93 F       | 1        | Total |
| Dry Bulb   |           |             | 1499     |         | 512   |        |      | 6.2            |          | 9            | 30      |             | -        |          | 2.7         |              |                | + - /3 !     |          | 9     |
| Wet Bulb   |           |             | 7929     |         | 482   |        |      | 5.41           |          | 9            | 30      |             | -+-      |          |             | •            |                | +            |          | g     |
| Dew Point  | · · - · — |             | 6167     |         | 457   |        |      | 5.8            |          | 9            | 30      |             |          | •1       |             | <del> </del> | <del> </del>   | +            | -+       |       |
| , 01/11    |           |             | '        |         | 7.7   |        | 7,16 |                | <b>▼</b> | • ;          |         |             | - 1      | 4.7      |             | 1            | 1              | 1            | 1        | ,     |

2

DATA PROCESSING DIVISION USAF ETAC AIR HEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

26102 FURT SMITH NWT DUT APT
STATION STATION NAME

DT APT 57-66

s

JUL MONTH

PAGE 1

0300-0500

| Temp.    |              |       |              |              |              |                 | WET         | BUL B 1        | EMPER.                                           | ATURF   | DEPRE            | SION /  | F)                                               |              |                                                  |                   |         |                                                  | TOTAL          |             | TOTAL        |                                                  |
|----------|--------------|-------|--------------|--------------|--------------|-----------------|-------------|----------------|--------------------------------------------------|---------|------------------|---------|--------------------------------------------------|--------------|--------------------------------------------------|-------------------|---------|--------------------------------------------------|----------------|-------------|--------------|--------------------------------------------------|
| (F)      | • !          |       | 1.2          | 3.4          | 5 - 6        | 7.8             |             |                |                                                  |         | 17 - 18          |         |                                                  | 23 - 24      | 25 . 24                                          | 27 . 28           | 29 . 30 | ≥ 31                                             | D.B. W.B.      | Dry Bulb    |              | Dew Pai                                          |
| 747      | 73           |       |              |              | +            | -1              |             | - <del></del>  | 13 - 14                                          | 15 - 10 | 1.7              | ., . 10 |                                                  | 10-14        | 23 - 20                                          | 27 - 20           |         |                                                  | 1              | 1           |              |                                                  |
| 70/      |              |       |              | 1            | . 3          |                 |             |                |                                                  |         | }                |         | 1                                                |              | )                                                | 1                 |         | }                                                | 4              | î           |              | į                                                |
| 687      |              |       | • • • • • •  | . 4          |              |                 |             |                | <del> </del>                                     |         | <del> </del>     |         |                                                  |              |                                                  |                   |         | <del> </del>                                     | 8              | 8           |              | <u> </u>                                         |
| 66/      |              |       |              |              | . 5          |                 |             | 1 1            |                                                  |         | 1 1              |         | 1                                                | 1            | 1 1                                              | 1                 |         |                                                  | 11             | 11          | 2            | i<br>I                                           |
| 647      |              |       |              | 9            | - 4          | . 2             | , 4         |                |                                                  |         | 1                |         |                                                  |              |                                                  | $\longrightarrow$ |         |                                                  | 18             | 18          | 10           |                                                  |
| 62/      |              | . 6   | 1.0          | 1            | 1.4          | 1.1             | , 1         |                |                                                  |         |                  |         | ļ                                                |              |                                                  |                   |         | {                                                | 56             | 56          | 9            | 1                                                |
| 607      |              | 1.0   | ,            | , -          | 1.4          | . 4             | · ; ż       |                |                                                  |         | ++               |         |                                                  |              | <del>  -  </del>                                 |                   |         |                                                  | 87             | 87          | 35           |                                                  |
| 58/      |              | 1.5   |              | 4.4          | 1.4          |                 |             | ]              |                                                  |         |                  |         |                                                  |              |                                                  | - 1               |         | Ì                                                | 102            | 102         | 83           |                                                  |
| 50/      |              | 1.5   |              |              |              | 5               | • 1         |                |                                                  |         | <del>  -  </del> |         |                                                  | <del> </del> | <del>                                     </del> |                   |         | <del> </del> -                                   | 119            | 119         | 100          |                                                  |
|          | 53           | 1.6   |              |              |              |                 | - •         | ] ]            | ] ]                                              |         | }                |         |                                                  |              | ) 1                                              |                   |         |                                                  | 122            | 122         | 116          |                                                  |
|          | 31           | 1.0   |              |              | 7            | <b>-</b>        |             | ┼              | ├                                                |         | <del> </del>     |         | <del>                                     </del> | <del> </del> |                                                  |                   |         | <del> </del>                                     | 113            | 113         | 133          |                                                  |
| 50/      |              | 1.1   |              |              |              | }               | i           |                | 1 1                                              |         | 1 1              |         | }                                                | }            | l l                                              |                   |         |                                                  | 73             | 73          | 134          |                                                  |
| 487      |              |       |              |              | 1            |                 |             | <u> </u>       | <del>   </del>                                   |         | +                |         | <del> </del>                                     |              | <del>  </del>                                    |                   |         | -                                                | 52             | 52          | 99           |                                                  |
| 46/      |              | 1.3   |              |              |              |                 |             |                | [ [                                              |         |                  |         | ĺ                                                | 1            | i ł                                              | 1                 |         | ĺ                                                | 60             | 60          | 1            |                                                  |
| 44/      |              | - : : |              |              |              | -               |             | -              | }                                                |         | <del> </del>     |         |                                                  |              | <del>} -  </del>                                 | <del></del>       |         | <del> </del>                                     | 32             | 32          | 51           |                                                  |
| 42/      |              |       | 3.           |              | i i          |                 |             |                |                                                  |         | 1                |         |                                                  |              |                                                  |                   |         |                                                  | 37             | 37          | 42           |                                                  |
| 40/      |              | 2     | 1            |              | <del> </del> | <u> </u>        |             | <del>  </del>  |                                                  |         | ++               |         |                                                  |              |                                                  |                   |         | <del>                                     </del> | 18             | 18          | 32           |                                                  |
| 38/      |              | . 1   |              |              | ,            |                 |             | ] ]            | ) 1                                              |         |                  |         |                                                  |              |                                                  | 1                 |         | 1                                                | 13             | 13          | 11           |                                                  |
| 36/      |              |       |              |              |              |                 |             | ┼              |                                                  |         | 1 1              |         |                                                  |              | <del>                                     </del> |                   |         | +                                                | 3              |             | 10           |                                                  |
| 34/      |              |       |              | . i          |              |                 |             |                |                                                  |         | 1                |         |                                                  |              |                                                  |                   |         | }                                                | 1              | 1           | 2            |                                                  |
| 32/      |              |       |              | }            |              | <b></b>         |             | <del> </del> - |                                                  |         | +                |         |                                                  |              |                                                  |                   |         | <del>├</del>                                     | <u>-</u>       |             | <del> </del> |                                                  |
| UTAL     |              | 11.9  | 47.          | 125.9        | 10.6         | 3.3             | . 9         | . 2            | İ                                                |         | 1 1              |         | ł                                                | ľ            | 1                                                | }                 |         | {                                                | 1              | 930         | }            | 93                                               |
|          | <del>ļ</del> |       |              | <del> </del> |              |                 | -           | <del> </del>   | <del>   </del>                                   |         | <del>  </del>    |         | <del> </del>                                     | <b>-</b>     |                                                  |                   |         | <del>                                     </del> | 930            |             | 930          |                                                  |
|          |              |       | l            |              | ,            |                 |             |                |                                                  |         | 1 1              |         |                                                  | {            | [ [                                              |                   |         | ĺ                                                |                |             |              | 1                                                |
|          |              |       | <del> </del> | <del> </del> | <del> </del> | ·               |             |                | <del>   </del>                                   |         | +                |         |                                                  | <del> </del> |                                                  |                   |         | <del> </del>                                     |                |             |              | <del>                                     </del> |
|          | l            |       | İ            |              |              | ļ               | <b>!</b>    |                |                                                  |         | 1                |         |                                                  |              |                                                  | . 1               |         | ļ                                                | 1              |             | ł            |                                                  |
|          |              |       |              | <del> </del> | <del></del>  |                 |             | 1              |                                                  |         | ++               |         |                                                  | <del> </del> | ├──┤                                             | <del></del>       |         | <del> </del>                                     | <del>   </del> |             | <del> </del> |                                                  |
|          | 1            |       | }            |              |              | 1               |             | 1              | } }                                              |         | ) 1              |         | ļ                                                | j            | ]                                                |                   |         | !                                                |                |             | 1            |                                                  |
|          |              |       |              | <del> </del> | ļ —          |                 |             | <del> </del>   | <del>                                     </del> |         | +-+              |         |                                                  |              | <del>                                     </del> |                   |         | <del>  -</del> -                                 | <del>[</del> i |             | <del></del>  | <del> </del>                                     |
|          | ļ            |       | i            | 1            |              | Ì               |             |                | 1 1                                              |         | 1 1              |         | 1                                                |              | } ]                                              |                   |         |                                                  | ] ]            |             |              |                                                  |
|          |              |       | <del> </del> | <u> </u>     | <del> </del> | <del> </del> -  | ļ           | <del> </del>   | $\vdash$                                         |         | ┼──┤             |         |                                                  | <del> </del> |                                                  |                   |         | <del> </del>                                     | <del> </del>   | <del></del> | <del> </del> | <del></del>                                      |
|          | ĺ            |       | 1            |              |              |                 | l           | 1              | ( (                                              |         | 1                |         | (                                                | (            | 1 1                                              | }                 |         | Ì                                                |                |             |              |                                                  |
|          |              |       | ļ.——         | ·            |              |                 |             | -              | $\vdash$                                         |         | ++               |         | <del>                                     </del> | <del> </del> |                                                  |                   |         | <del>                                     </del> |                |             |              | +-                                               |
|          | 1            |       |              |              |              |                 |             | '              | ] [                                              |         |                  |         |                                                  | İ            |                                                  |                   |         | l                                                | [              |             | 1            | 1                                                |
| lement   | 783          |       | Σχ'          | 4            | <del> </del> | Z X             | <del></del> | X.             | σ <sub>x</sub>                                   |         | No. Ob           | . –     | L                                                | Ц.           |                                                  | Mega N            | o of H  | OUTS WIST                                        | h Temperat     | ure         | <u> </u>     | Ц                                                |
| Cel. Hur |              |       |              | 26896        |              | <del>79</del> 0 | 98          | 85.1           | 10.3                                             | 48      |                  | 30      | ≤ 0                                              | F            | ≤ 32 F                                           | × 67              |         | 73 F                                             | ≥ 80 F         | 2 93        | F            | Total                                            |
| Ory Bull |              |       |              | 19926        |              | 492             |             |                | 6.4                                              |         |                  | 30      |                                                  | <del></del>  | - 32                                             |                   | . 3     | • 1                                              | - 50 F         | + - /3      | ·            | 9                                                |
| Vet Bul  |              | L     |              | 2618         |              | 469             |             |                | 5.7                                              |         |                  | 30      |                                                  |              |                                                  |                   |         |                                                  |                | +           |              | <del>-                                    </del> |
| Dew Poi  |              |       |              | 79935        |              | 449             |             |                | 6.0                                              |         |                  | 30      |                                                  | -+-          | .3                                               | _                 | -+-     |                                                  | <del> </del>   | +           | <del></del>  | 9                                                |
| Jew Po   | nr .         |       |              |              |              | , , ,           | <u> </u>    |                | - 00                                             |         |                  |         |                                                  |              |                                                  | l                 |         |                                                  |                | _1          |              |                                                  |

USAFETAC FORM 0.26-5 (OL.A) REVIND MEYIOUS EDITIONS OF THIS FORM ARE OBSOILTE

# PSYCHROMETRIC SUMMARY

| 6102       | ۴n  | RT S               | MITH         | NET     |              |              | ·<br>        |         |                                                  | 37-6        | 6       |               |          |          |             |             |                                                  |             | ال<br>ــــــــــــــــــــــــــــــــــ     |       |
|------------|-----|--------------------|--------------|---------|--------------|--------------|--------------|---------|--------------------------------------------------|-------------|---------|---------------|----------|----------|-------------|-------------|--------------------------------------------------|-------------|----------------------------------------------|-------|
| STATION    |     | •                  |              | 51      | TATION N     | AME          |              |         |                                                  |             |         |               |          | YEAR     | s           |             | PAGE                                             | 1           | 0600                                         | -080  |
| Temp.      |     |                    |              |         |              | WET          | BULB '       | EMPER   | RATURI                                           | E DEPRES    | SION (F |               |          |          |             |             | TOTAL                                            |             | TOTAL                                        |       |
| (F)        | 0   | 1 - 2              | 3 - 4        | 5 - 6   | 7 - 8        | 9 - 10       | 11 - 12      | 13 - 14 | 15 - 16                                          | 17 - 18 1   | 9 - 20  | 21 - 22 2     | 3 - 24 2 | 5 - 26 2 | 7 - 28 29 - | 30 - 31     | D.B. W.B. D                                      | ry Bulb     | Wet Bulb                                     | Dew P |
| 78/ 77     |     |                    |              |         |              |              |              | •1      |                                                  |             |         | $ \top$       |          |          |             |             | 1                                                | 1           |                                              | _     |
| 76/ 75     |     | :                  |              | l       | • 1          | . 5          |              |         |                                                  | -           |         |               |          |          |             |             | 8                                                | 8           | !                                            |       |
| 14/ 73     | 1   |                    |              | . 1     | , 1          | , l          |              | •1      |                                                  | 1           |         | -             | 1        |          |             | 1           | 10                                               | 10          | -                                            |       |
| 70/ 69     |     |                    |              | . 5     | 1            | 1            |              |         | <del> </del>                                     | +-+         |         |               |          | +        |             |             | 25                                               | 25          |                                              |       |
| 8/ 67      |     | . 1                | . 4          | 1.0     |              | .5           |              |         | 1                                                |             | Ì       | 1             | 1        |          |             | 1           | 33                                               | 33          | 2                                            |       |
| 6/ 65      |     | . 4                | _, 6         |         |              | . 8          |              |         | <del> </del>                                     | 1           |         |               |          |          |             |             | 53                                               | 53          | 11                                           |       |
| 4/ 63      | i   | . 4                | 2.9          | 2.0     | 2,5          | .6           | •            |         |                                                  | ) )         |         | }             | ļ        |          |             |             | 79                                               | 79          | 17                                           |       |
| 2/ 61      | • 1 | 2.4                | 1.7          | 4.1     |              |              |              | • 1     | -                                                |             |         |               |          |          |             |             | 104                                              | 104         | 48                                           |       |
| 0/ 59      | .6  | 3.4                | 4.5          | 4.4     | 2.2          | • 3          |              |         | ļ                                                |             |         |               |          |          |             |             | 147                                              | 147         | 99<br>123                                    |       |
| 6/ 55      | 1.0 | 4.1                | 3.5          | 2.7     |              | . 4          | 1            |         |                                                  |             | ļ       | ł             |          | 1        | }           | -           | 124                                              | 124         | 152                                          |       |
| 4/ 53      | - 4 | 2.9                | 3.5          | 1.0     | .5           |              |              |         | <del> </del>                                     | ++          |         |               |          |          |             |             | 84                                               | 84          | 152                                          |       |
| 2/ 51      | . 6 | 2.8                |              | •       | .2           |              |              |         |                                                  | } }         |         |               |          |          |             |             | 64                                               | 64          | 112                                          | 1     |
| 0/ 49      | 4   | 1.8                |              | . 8     |              |              |              |         | <del> </del>                                     | +-+         |         |               |          | _        |             |             | 40                                               | 40          |                                              | Ť     |
| 8/ 47      | • 2 | . 8                | . 8          | • 1     |              | (            |              | ,       | 1                                                | 1 (         | (       | İ             | Ì        |          | 1           | ì           | 17                                               | 17          | 51                                           | Ī     |
| 0/ 45      | • 2 | . 8                |              |         |              |              |              | _       | <del> </del>                                     |             |         |               |          |          |             |             | 13                                               | 13          | 37                                           |       |
| 4/ 43      |     | . 4                |              |         |              | Ĺ            |              |         |                                                  |             |         |               |          |          |             |             | 5                                                | 5           | 16                                           |       |
| 2/ 41      |     | . Z                | • 1          |         |              |              |              |         |                                                  |             |         |               |          |          |             |             | 3                                                | 3           | 3                                            | - 4   |
| 0/ 39      |     |                    |              | ļ       | L            | Í            | L            |         | <u> </u>                                         | +-+         |         | $ \downarrow$ |          |          |             |             | 1                                                |             | 4                                            |       |
| 36/ 35     |     | 1                  |              | i       |              |              | İ            | İ       | ł                                                | 1 1         | }       | }             | }        |          | }           |             | 1                                                |             |                                              |       |
| 34/ 33     |     | ··- <del>-</del> · |              |         |              |              | <del> </del> |         | <del> </del>                                     | 1-1         |         |               |          | +        |             |             | <del>                                     </del> |             |                                              |       |
| TAL        | 4.3 | 24.3               | 20.8         | 23.7    | 13.8         | 4.8          | 1.9          | .4      |                                                  |             | ŀ       | İ             |          |          | 1           |             | 1 1                                              | 930         |                                              | 93    |
|            |     |                    |              |         |              |              | <del> </del> |         | <u> </u>                                         | 1           |         | +             |          |          |             |             | 930                                              |             | 930                                          |       |
|            |     |                    |              | Ì       | 1            |              | ĺ            |         | Ì                                                | 1 1         | ł       | ł             | 1        | }        | }           |             | 1                                                |             |                                              |       |
|            | 7   |                    |              |         |              |              |              |         |                                                  |             |         |               |          |          |             |             |                                                  |             |                                              |       |
| _ :        |     |                    |              |         | <u> </u>     |              |              |         | <b>!</b>                                         | <b>↓</b> i. |         |               |          |          |             |             | <b></b>                                          |             |                                              |       |
| 1          |     |                    |              | }       |              |              |              |         |                                                  | 1 1         | ł       |               |          |          |             | 1           | {                                                |             |                                              |       |
|            |     |                    |              | <u></u> |              |              | <del> </del> |         |                                                  | +-+         |         |               |          |          |             |             | +                                                |             | <del>  </del>                                |       |
|            | į   | i                  |              |         | ľ            | 1            | Ì            | ł       | ł                                                | 1 1         | : 1     |               |          | 1        | 1           | 1           | 1                                                |             |                                              |       |
|            |     |                    |              |         | <del> </del> | <del> </del> | <del> </del> |         | <del>                                     </del> | ++          |         |               | -+       | -        | -+-         |             | <del>                                     </del> |             |                                              |       |
|            | ]   |                    |              |         | L            |              | 1            | ]_      | <u> </u>                                         | <u> </u>    | _       | £.            | [        |          |             | _1_         |                                                  |             | <u>                                     </u> |       |
| lement (X) |     | Σχ'                |              |         | ZX           |              | ₹            |         |                                                  | No. Obs     |         |               |          |          |             | f Hours wit | h Temperatu                                      | •           |                                              |       |
| el. Hum.   |     |                    | 0153         |         | 713          |              | 76.7         |         |                                                  | 93          |         | ± 0 F         | ± 3      | 2 F      | ≥ 67 F      | ≥ 73 F      | ≥ 80 F                                           | * 93 J      | F                                            | otal  |
| ry Bulb    |     |                    | 1335         |         | 343          |              | 58.5         |         |                                                  | 9:          |         |               | +        |          | 8.1         |             | <del> </del> -                                   |             | <del></del>                                  |       |
| let Bulb   |     |                    | 5685<br>6850 |         | 503<br>472   |              | 54.1<br>50.8 | 3.4     |                                                  | 7:          |         |               |          |          | • 2         | ļ <u>.</u>  |                                                  | <del></del> |                                              |       |
| Dew Point  |     | 672                |              | L       | 7,6          | -7           | 20.0         | 707     |                                                  |             | , ,     |               |          |          |             | L           | <u> </u>                                         |             |                                              |       |

USAFETAC FORM 0.26-5 (OL.A). NEVIND MEYICUS EDITORS OF THIS FORM ANT OBSOLETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SEPVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SHITH NWT DOT APT 57-66 26102 STATION NAME 0900-1100 PAGE 1 HOURS (L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 86/ 85 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 D.B. W.B. Dry Buib Wet Buib Dew Pain .1 84/ 83 82/ 81 80/ 79 10 10 • 3 22 1.3 1.3 . 1 78/ 77 20 20 76/ 75 42 42 1.5 Z.2 .9 1.7 .2 1.0 747 73 61 61 .2 . 2 • 1 51 .6 72/ 71 51 .6 2.2 2.3 2.4 .8 3.4 2.2 1.8 .8 2.2 3.1 1.9 1.4 2.7 2.3 1.7 70/ 69 **B7** 87 8 68/ 67 86 36 .2 1.4 1.8 66/ 65 30 107 • 1 107 101 1.4 2.7 11 1.3 1.1 2.5 2.0 11 1.5 2.7 1.9 1.5 11 1.5 1.6 1.6 64/ 63 97 97 75 13 62/ 61 96 96 111 30 60/ 59 83 83 133 56 1 . 2 10 58/ 57 61 117 56/ 55 54/ 53 .6 .9 1.3 42 28 144 42 102 .2 1.3 114 79 28 52/ 51 . 5 13 98 13 129 507 49 • 1 . 2 47 48/ 47 • 4: 7 27 87 7 • 1 46/ 45 14 49 44/ 43 43 42/ 41 37 40/ 39 33 20 36/ 35 34/ 33 5 32/ 31 4 30/ 29 1 TOTAL 1.0 8.610.112.818.618.515.3 8.8 3.9 1.6 930 930 930 No. Obs Element (X) Mean No. of Hours with Temperature 3790733 <del>37375</del> 61.915.609 730 Rel. Hum. ≥ 67 F ± 0 F ≤ 32 F ≥ 73 F ≥ 80 F Total 65.3 7.219 37.0 5.179 4016234 60746 730 38.8 93 Dry Bulh 16.4 2.8 930 73 3046831 53013 2.8 Wet Bulb 930 2462823 47473 31.0 6.321 93 Dew Point

AC FORM 0.26-5 (OL.A). BEVISED MEYIOUS EDITIONS OF THIS FORM ARE DESCRET

# **PSYCHROMETRIC SUMMARY**

| 610        |      |     | 7 3            | MITH       |       | TATION N     |         |           |                  |         | 57-      | 00                                               |          |     | YE                                               | ARS                                              |           |              |          | .T(           | UL.   |
|------------|------|-----|----------------|------------|-------|--------------|---------|-----------|------------------|---------|----------|--------------------------------------------------|----------|-----|--------------------------------------------------|--------------------------------------------------|-----------|--------------|----------|---------------|-------|
|            |      |     |                |            | v     |              |         |           |                  |         |          |                                                  |          |     |                                                  |                                                  |           | PAG          | E 1      | 1200          | -14   |
| Tem        |      |     |                |            |       |              |         |           |                  |         |          | SSION (                                          |          |     |                                                  |                                                  |           | TOTAL        |          | TOTAL         |       |
| (F         |      | 0_  | 1 - 2          | 3 - 4      | 5 - 6 | 7 - 8        | 9 - 10  | 11 - 12   | 13 - 14          | 15 - 16 | 17 - 18  | 19 - 20                                          |          |     | 25 - 26                                          | 27 - 28                                          | 29 - 30 ≥ | 31 D.B./W.B. | Dry Bulb | Wet Bulb      | Dew F |
| 907        |      |     |                | 1 1        |       |              |         | 1         | ļ                |         |          | • 1                                              | , 1      | . 1 |                                                  |                                                  |           | 4            | 4        | l j           |       |
| 88/        |      |     |                | i          |       |              |         |           |                  | • 1     | I        |                                                  |          |     |                                                  |                                                  |           | 9            | 9        |               |       |
| 86/        |      |     | I              |            |       | 1            | Ì       |           | • 1              | • 1     |          | . 2                                              | . 5      | •1  |                                                  |                                                  |           | 22           | 22       |               |       |
| 82/        |      |     |                |            |       | ļ            | <b></b> | • 2       |                  | • 1     |          |                                                  |          |     | <u> </u>                                         |                                                  | -+        | 12           | 12       |               |       |
| 80/        |      |     |                |            |       | ]            |         | . 3       | . 3              | 1.8     | 1.6      |                                                  | . 5      |     |                                                  |                                                  | ĺ         | 51           | 25       | i i           |       |
| 787        |      |     | i              |            |       | ļ            |         | .6        |                  | 1.9     |          |                                                  |          |     |                                                  |                                                  |           | 55           | 51<br>55 |               |       |
| 76/        |      |     |                | ļ i        |       | ,            | • 3     | 1.2       |                  | 1.1     | 9        |                                                  |          |     |                                                  | l i                                              |           | 54           | 54       |               |       |
| 741        |      |     | <del></del> -  |            |       | • 2          | 1       | 1.2       | 2.6              |         | 1        | .3                                               |          |     | <del>                                     </del> | <del> </del>                                     |           | 77           | 77       | <del>  </del> |       |
| 72/        |      |     | į              |            | . 3   |              | 2.4     | 2.7       | 2.3              |         |          |                                                  |          |     |                                                  |                                                  |           | 100          |          | 5             |       |
| 70/        |      |     | <del> </del>   | . 4        | • • • | 1.5          |         | 1.4       | 2.8              | ,       |          | <del>                                     </del> | <b>-</b> |     | <del> </del> -                                   | <del>                                     </del> |           | 93           | 93       | 1             |       |
| 68/        |      |     |                | . 5        | .6    |              |         | 2.6       |                  |         | 1        |                                                  |          |     |                                                  |                                                  |           | 77           | 77       |               |       |
| 667        |      |     | <del> </del> - | . 8        | 1.5   | <u> </u>     |         | 3.0       |                  |         |          |                                                  |          |     | <del> </del>                                     | <del>  -</del>                                   |           | 91           | 91       |               |       |
| 64/        |      | • 1 | • 3            | ا ا        | . 9   |              |         |           |                  | 1 .     | 1        | 1                                                |          |     |                                                  |                                                  |           | 70           | 70       |               |       |
| 627        |      |     | 1              | 7 1        |       |              |         | , ,       |                  |         |          | <del>                                     </del> | <u> </u> |     | <del> </del>                                     | 1                                                |           | 34           | 54       | 1             |       |
| 60/        |      | • 1 |                | 1 - 1      |       | . 3          |         |           |                  |         |          |                                                  |          |     |                                                  |                                                  |           | 44           | 44       | 1 77.1        |       |
| 58/        | 57   |     | 1.3            | . 9        | . 4   | . 4          | 1.3     | . 3       |                  |         |          |                                                  |          |     | !                                                |                                                  |           | 45           | 45       | 125           |       |
| 56/        | 55   |     | . 8            | . 6        | . 3   | .6           | . 3     |           |                  |         | İ        |                                                  |          |     | 1                                                |                                                  | - 1       | 25           | 25       |               |       |
| 34/        | 53   | • 3 | . 5            | -1         |       | . 2          | . 3     | .1        |                  |         |          |                                                  |          |     |                                                  |                                                  |           | 15           | 15       | 97            |       |
| 52/        |      |     | 1              | . 1        |       | . 2          | 1       |           | 1                | {       | ĺ        | ĺ '                                              | ĺ        | ĺ   | 1 !                                              | ĺ                                                | - 1       | 3            | 3        | 1 1           | 1     |
| 507        | ,    |     | . 2            |            |       |              |         |           |                  |         |          |                                                  |          | -   |                                                  |                                                  |           | 2            | 2        | 37            |       |
| 48/        |      |     | • 2            | 1 (        |       |              | Í       | Ĺ         | İ                | i       |          | . !                                              |          |     | L                                                |                                                  |           | 2            | 2        | 26            |       |
| 467        |      |     | i              |            |       |              |         |           |                  |         |          |                                                  |          |     |                                                  |                                                  |           |              |          | 7             |       |
| 44/        |      | _   | <u></u>        | ii         |       | ļ            | ļ       |           | ļ                | ļ       |          | ļ                                                |          |     |                                                  |                                                  |           |              |          | 4             |       |
| 427        |      |     |                | .          |       |              | ł       |           |                  | Į       | 1        | }                                                | ļ        |     |                                                  |                                                  | - 1       |              |          |               |       |
| 40/<br>38/ |      |     | -              | !. <u></u> |       |              |         |           | <u> </u>         |         |          | ļ                                                |          |     | <del>                                     </del> |                                                  |           |              |          | ļ             |       |
| 36/        |      |     |                |            |       |              |         |           |                  |         |          |                                                  |          |     |                                                  |                                                  | -         |              |          |               |       |
| 34/        |      |     |                | 1 i        |       | <del> </del> |         |           |                  |         | <b>├</b> | <del> </del>                                     |          |     | <del> </del>                                     |                                                  |           |              |          | <del> </del>  |       |
| 30/        |      |     |                | !          |       |              |         |           | 1                |         |          |                                                  |          |     |                                                  |                                                  |           |              |          | ; !           |       |
| UTA        |      | . 8 | 4.7            | 5.8        | 7.0   | 10.0         | 14.4    | 16.9      | 15.5             | 12.2    | 6.5      | 3.4                                              | 2.5      | .3  | •1                                               | $\vdash$                                         | -         | 930          | 930      | 930           | 9     |
|            |      |     |                |            |       | ļ            | 1-      |           | -                |         | -        |                                                  |          |     |                                                  |                                                  |           | 730          |          |               |       |
| Elemen     |      |     | 2 x2           |            |       | ZX           | 0.6     | ∑<br>53.1 | , o <sub>x</sub> |         | No. Ot   |                                                  |          |     | اــــــــــــــــــــــــــــــــــــ            |                                                  |           | with Tempera |          | <del></del>   |       |
| Rel. H     |      |     |                | 2692       |       | 493          |         | 23.1      | 10.3             | 01      |          | 30                                               | = 0 1    | F   | ≤ 32 F                                           | ≥ 67 1                                           |           |              | - 93     | <u>f</u>      | [otal |
| Dry Bu     |      |     | 771            | 6294       |       | 540          |         | 69,2      | 3.1              | 22      |          | 30                                               |          |     |                                                  | 57.                                              |           | .9 9,        | <u>'</u> |               |       |
| Wet Bu     |      |     |                | 7661       |       | 466          |         | 70.1      | 0.6              |         |          | 30                                               |          |     | <del>_</del>                                     | 4.                                               | _1        |              | +        | i             |       |
| Dew P      | oint |     | 230            |            |       | 700          | , 5     | -V • Z    | V.0              | 74      |          | 30                                               |          | 1_  | . 3                                              | •                                                | 1         | i            |          |               |       |

26102

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

FORT SMITH NET DOT APT

#### PSYCHROMETRIC SUMMARY

JUL

S'A' IN NAME PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 - 18 19 - 20 21 . 22 23 - 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 92/ 91 .1 . 2 3 90/ 89 88 / 87 . 5 .6 13 • 1 13 . 1 86/ 85 14 14 84/ B3 . 2 10 18 82/ 81 43 43 80/ 79 55 33 1.1 78/ 77 41 41 767 75 2.5 60 60 74/ 73 1.3 92 92 1.8 2.0 72/ 71 . 3 70/ 69 1.1 78 78 12 687 67 . 4 1.2 1.4 2.3 97 1.6 2.6 . 6 23 49 93 66/ 65 1.1 93 . 5 64/ 63 . 6 62 62 106 1.1 13 62/ 61! 1.0 43 43 127 36 607 59 . 8 40 25 140 47 . 9 58/ 57 . 3 . 3 . 8 25 133 52 567 55 7.7 • 1 23 82 54/ 53 . 9 23 23 94 125 52/ 51 41 104 . 2 50/ 49 31 107 • Z 26 90 46/ 45 65 447 43 56 42/ 41 58 40/ 39 21 38/ 37 30 367 35 22 34/ 33 32/ 31 8 5 30/ 29 TOTAL .4 6.1 4.8 6.8 8.711.414.416.214.2 8.0 4.9 930 930 930 No. Obs. Mean No. of Hours with Temperature Element (X) 2771713 267 F 273 F 280 F 293 F Rel. Hum. ± 0 F : 32 F 73 69.9 8.049 58.3 5.016 49.9 6.990 4610472 65052 730 Dry Bulb 3182245 34201 730 93 Wet Bulb 2362396 46420 930 93

57-66

0.26-5 (OL A) FORM JUL 64

DATA PRICESSING DIVISION USAF ETAG AIR REATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

26102 FORT SHITH NWT DOT APT 57-66 JUL

STATION NAME VEARS PAGE 1 1800-2000
HOURS TULES TU

|                  |        | 1 _ |         |       | 3844         |                |                | 12     |                |         | 7.0     |             |                | 30       |             |         | _            | - 2         | j.             |           | 1            |              |      |
|------------------|--------|-----|---------|-------|--------------|----------------|----------------|--------|----------------|---------|---------|-------------|----------------|----------|-------------|---------|--------------|-------------|----------------|-----------|--------------|--------------|------|
| Dry Bu<br>Wet Bu |        | -   |         |       | 7973<br>5498 |                |                | 179    |                |         | 7.4     |             |                | 30       |             | -       |              | 51.7<br>3.1 | 23.3           | 5.        | <del>'</del> | · · • -      |      |
| Rel. Ho          | um.    |     |         | 327   | 1515         |                | 52             | 78     |                | 56.8    | 17.2    | 22          | 7              | 30       | = 0 F       |         | 32 F         | ≥ 67 F      | ≥ 73 F         | ≥ 80 F    | ≥ 93 F       | _ [τ         | 1010 |
| Elemen           | n+ (X) | -   | Σ       | x²    |              | -              | ZX             |        | $\top^{\perp}$ | X       | •       | $\perp$     | No. Ob         | s.       |             |         | 1            | Mean No. o  | f Hours with   | Temperat  | ure          |              |      |
| -                |        | 1   | ĺ       | . ,   |              | 1              | †              |        |                |         |         |             |                |          |             |         |              |             |                | 930       |              | 930          | _    |
| TOTAL            |        |     | . 6     | 7.0   | 7.3          | 11.4           | 11.            | 61     | 5.7            | 13.9    | 14.4    | 9.4         | 4.9            | 2.9      | .6          | . 2     |              |             |                |           | 930          |              |      |
| 307              |        |     |         | i i   |              |                | · {            |        |                |         |         |             | -              |          |             |         |              |             |                |           |              |              |      |
| 32/              |        |     | i       | ,     |              | 1              | 1              |        | (              |         | ĺ       | 1           | [              |          | ľ           |         |              |             |                |           | i            |              |      |
| 36/              |        |     | - 1     |       |              | +              | <del> </del> - | -      |                |         |         |             |                |          |             |         |              |             |                |           |              |              |      |
| 38/              |        |     | 1       | ,     |              | 1              | i              |        |                |         |         | 1           |                |          |             |         |              |             |                |           |              | j            |      |
| 40/              |        |     |         | +     |              |                |                | _      |                |         |         | <u> </u>    |                |          |             |         |              |             |                |           | i            |              |      |
| 427              |        |     | ,       |       |              |                | ;              | 1      |                |         |         |             |                |          |             |         |              |             |                |           |              |              |      |
| 44/              |        |     |         |       |              | 1              |                |        |                |         |         |             |                |          | -           |         |              |             |                |           |              | 3            |      |
| 467              | 45     | ţ   |         | •     |              | i              | -              | $\top$ | 1              |         |         |             |                | -        |             |         |              |             | _              | -         |              | 13           | _    |
| 481              |        |     | -       |       |              |                | 1              | 1      | ļ              |         |         |             |                | 1        | )           |         |              | ļ           |                | `         | •            | 32           |      |
| 50/              |        |     | ·T      |       | -:           |                | +              |        |                |         |         | <del></del> | <del> </del> - |          |             |         |              |             |                | 2         | 7            | 30           | _    |
| 52/              |        | !   | - 4     | . 4   |              |                |                | -      | • 3            | • 1     |         |             |                |          |             |         |              |             |                | 10        | 10           | 47           |      |
| 54/              |        |     | . Z     |       | -            |                |                | 3      | .3             | •1      |         |             |                | <u> </u> |             |         |              | - —         |                | 21        | 25           | 93           |      |
| 58/              |        |     |         | 1.0   | • • •        |                |                | 4      | 1.1            | . 4     |         |             |                |          | ļ           |         | İ            | 1           |                | 39<br>25  | 39           | 145          |      |
| 60/              | -      |     | • 1     |       | 1.           | _              | _ 1            | 3      | . 4            | 1.0     |         | ļ           |                |          |             |         |              |             |                | 62        | 62           | 150          | _    |
| 62/              | -      |     | . [     | . 9   | Ι.           |                | 1.             |        | 1.1            | . 4     | • 1     |             |                |          | 1           |         |              |             | 7 - 7          | 61        | 61           | 123          |      |
| 64/              |        |     | • 1     | 1.2   | • 6          | 2.4            | 1.             | 5      | 1.3            | 1.2     | 1.3     | 1_          |                |          | ļ           |         | 1            | 1           |                | 89        | 89           | 85           |      |
| 667              |        |     |         | . 4   | 1.4          | 1.0            | Z .            | 3      | 2.7            | 1.4     | 1.4     | 1           | 1              |          | —— <u>+</u> |         | <del> </del> |             |                | 104       | 104          | 45           | _    |
| 68/              |        |     |         | • 1   |              | .! .           | 2.             | 3      | 2.9            | 1.6     |         |             |                |          | Í           |         |              |             |                | 100       | 100          | 18:          |      |
| 70/              |        |     | <b></b> |       |              | +              |                | 5      | 1.9            | 1.9     | 1.7     | 1.2         |                | L        |             |         | -            |             | <del>-  </del> | <b>29</b> | 89           | <del>3</del> | -    |
| 72/              |        |     |         |       |              |                | 1              | 1      | 1.9            | 2.6     |         |             |                |          |             |         | :            |             |                | 95        | 95           | 4            |      |
| 747              |        |     |         |       |              | <del>;</del> - | •              | 4      | . 3            | 1.3     | 1.6     |             |                |          |             |         | i            |             |                | 47<br>50  | 47           |              |      |
| 78 /<br>76 /     |        |     |         | ;     |              |                |                |        | - 2            | • 6     |         |             | . 8            |          |             |         |              |             |                | 48        | 48           |              |      |
| 80/              |        |     |         |       |              | į              |                |        |                | . 2     |         |             |                | 1        |             |         |              | L           | <u> </u>       | 36        | 36           |              |      |
| 82/              |        |     | •       |       |              |                | -+<br>i        | +      | . 2            | . 1     |         | . 2         | . 9            |          | . 2         |         |              |             |                | 18        | 18           |              | _    |
| 84/              |        |     |         |       |              |                | İ              |        | 1              |         | . 3     |             |                |          |             | . 1     | , !          | į           | i              | 12        | 12           |              |      |
| 867              |        | •   |         |       | -            | : -            | <del></del>    | +      |                |         | . 2     | 1           | <del></del>    | . 3      |             |         |              |             |                | 7         | 7            |              | _    |
| 88/              |        |     |         |       |              | i              | į              | 1      | ]              |         |         |             | 1              | . 2      | . 1         | • 1     |              |             |                | 4.        | 4            |              |      |
| 90/              |        | _ 0 |         | 1 - 2 | 3 - 4        | 5 - 6          | . 7 .          | 8 9    | - 10           | 11 - 12 | 13 - 14 | 15 - 16     | 17 - 18        | 19 - 20  | 21 22       | 23 - 24 | 25 - 26      | 27 - 28 29  | 30 ≥ 31        | U.B. W.B. | Dry Belb     | Wet Bulb     | De   |
|                  | p.     |     | — ·     |       |              | · · · · ·      | -,             |        |                |         |         |             |                | SSION (  |             |         |              |             |                | TOTAL     |              | TOTAL        |      |

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2 FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC(:) JAN 72 AD-A100 249 UNCLASSIFIED USAFETAC/DS-81/044 SBIE-AD-E850 072 5 ° 5 END 7 - 81 DTIC

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 51UZ<br>STATION  | FURT S      | MITH  |           | TION NA        |              |                                              |         |         | 57-6                                             | 6        | _        |                   | YE      | ARS          |          |        | PAGE         | 1               | 2100           | -230    |
|------------------|-------------|-------|-----------|----------------|--------------|----------------------------------------------|---------|---------|--------------------------------------------------|----------|----------|-------------------|---------|--------------|----------|--------|--------------|-----------------|----------------|---------|
|                  |             |       |           |                | WET          | BUI B T                                      | FMPFR/  | TURE    | DEPRES:                                          | ion (F)  |          |                   |         |              |          |        | TOTAL        |                 | TOTAL          |         |
| Temp.            | 0 1.2       | 3 . 4 | 5 - 6     | 7 - 8          | 9 - 10       | 11 - 12                                      | 13 - 14 | 15 - 16 | 17 - 18 1                                        | 9 - 20 2 | 1 - 22 2 | 3 - 24            | 25 - 26 | 27 - 28      | 29 - 3   | 0 = 31 | D.B. W.B.    | Dry Bulb        | Wer Bulb       | Dew Pai |
| 807 79           |             |       |           | , · · ·        |              | . 2                                          |         | . 1     | -                                                |          |          |                   |         |              | <b>—</b> | 1      | 3            | 3               |                |         |
| 78/ 77           |             | 1     |           |                | - 1          | . 3                                          | . 2     | . 1     |                                                  |          | 1        |                   |         |              |          |        | 7            | 7               |                |         |
| 76/ 75           | <del></del> |       |           |                | • 1          |                                              | . 2     |         |                                                  |          |          |                   |         |              |          |        | 3            | 3               |                |         |
| 74/ 73           |             | į     |           | . Z            | . 5          | . 6                                          | . 2     | 1       | l l                                              | į.       | ļ        | ļ                 |         |              |          | · I    | 15           | 1.5             | l              |         |
| 72/ 71           |             |       | •1        | . 5            | 1.0          | . 6                                          | . Z     | - 1     |                                                  |          |          |                   | _       |              | T        |        | 24           | 24              |                |         |
| 70/ 69;          | . 1         | . 2   | . 6       | 1.6            | 1.6          | . 8                                          | . 1     | • 1     |                                                  |          | ]        |                   |         |              |          | 1      | 48           | 48              | 1              |         |
| 58/ 67           |             | . 4   | . 8       |                |              | . 4                                          | • 1     |         |                                                  |          |          |                   |         |              |          |        | 48           | 48              | 6              |         |
| 56/ 65           |             | 1.6   | 2.6       | 2.4            | 1.3          |                                              |         |         |                                                  |          |          |                   |         |              |          |        | 91           | 91              | 10             |         |
| 54/ 63           | •2 1•4      |       | 2.5       |                | 1,3          | . 4                                          | - 1     | 7       |                                                  |          | - 1      |                   |         | 1            |          |        | 100          | 100             | 1 = -1         | 3       |
| 52/ 61           | 1.6         |       | 4.0       |                | . 6          | .6                                           |         |         |                                                  |          |          |                   |         | L            | -        | $\bot$ | 106          | 106             | , ,            |         |
| 00/ 59           | 1.0 2.3     |       | 2.0       |                | . 4          | . 3                                          |         | Ī       |                                                  |          |          |                   |         |              |          |        | 104          | 104             |                | 7       |
| 58/ 57           | .3 3.4      | 5.3   | 2.3       |                |              |                                              |         |         |                                                  |          |          |                   |         | <u> </u>     | —        |        | 94           | 94              |                | 10      |
| 50/ 55           | .2 4.8      | 2.8   | 1.5       |                | • 1          |                                              | }       | į       |                                                  |          |          |                   |         |              |          |        | 57           | 57              |                | 13      |
| 4/ 53            | .3 2.5      |       |           |                | • 2          |                                              |         |         |                                                  |          |          |                   |         | <u> </u>     |          |        | 49           | 49              |                | 14      |
| 2/ 51            | .2 1.8      |       |           |                |              |                                              |         | j       |                                                  |          |          | 1                 |         |              | 1        |        | 36           | 38              | ,              | 11      |
| 0/ 49            | .2 1.3      |       | _         | 1              |              |                                              |         |         | -                                                |          |          |                   |         | <b>}</b>     | -        | +-     | 17           | 17              |                |         |
| 87 47            | •1 1.0      |       | . 3       | !              |              |                                              |         |         |                                                  | İ        | 1        | 1                 |         |              |          |        | - 5          |                 | 34             | ě       |
| 46/ 45           | . 2         | 11    | <u>.1</u> | L              |              | Li                                           |         |         |                                                  |          |          | $\longrightarrow$ |         | <b></b>      | +        |        | 1            | —- <del>í</del> | 15             |         |
| 4/ 43            | . 1         | • 1   |           | i l            |              |                                              | 1       | ļ       |                                                  |          |          | 1                 |         |              |          |        | 2            | ż               | 1 - <u>-</u> - | . 2     |
| 42/ 41<br>40/ 39 | • • •       | 1     |           | L              | ļ            |                                              |         |         | -                                                |          |          |                   |         |              | +        |        | i            | <u>ī</u>        | 2              |         |
| 36/ 37           | *           |       |           | Ì              |              |                                              |         |         |                                                  | - !      | 1        |                   |         |              |          | i      | -            | -               | 1              | 1       |
| 36/ 35           |             | : ;   |           | <del> </del> - | ļ — — —      | ļ <u>-</u>                                   |         |         | -                                                | -+       |          |                   |         | <del> </del> | +        | +      | 1            |                 | 1              |         |
| 34/ 33           |             | 1     |           | Ì              |              |                                              |         |         |                                                  |          |          |                   |         | ļ            |          |        |              |                 |                |         |
| 32/ 31           |             | ·     |           | ļ              | <del>}</del> |                                              |         |         |                                                  | -        | -        |                   |         |              | +-       | +-     | 1            |                 | <u> </u>       |         |
| ITAL             | 2.020.9     | 25.2  | 20.2      | 13.5           | 9.9          | 6.1                                          | 1.2     | . 4     |                                                  |          |          |                   |         |              |          |        |              | 930             |                | 9:      |
|                  |             |       |           | +=             |              | <del>                                 </del> |         |         | ! !                                              |          |          |                   |         | 1            | T        |        | 930          |                 | 930            |         |
|                  |             | .     |           | 1              | !            |                                              |         |         |                                                  |          |          |                   |         | 1            | 1        |        |              |                 |                |         |
|                  |             |       |           | †              | <del> </del> |                                              |         |         | <del>                                     </del> | -        |          |                   |         | 1            | 1        |        | 1            |                 | •              |         |
|                  | 1           | :     | į         |                |              |                                              |         |         |                                                  |          |          |                   |         |              |          |        |              |                 |                | :<br>!  |
|                  | 4           | +     | t         | 1              |              |                                              |         |         | 1                                                |          |          |                   |         |              |          |        |              |                 |                | i       |
| ,                |             |       |           |                |              | l i                                          | l       |         | L l                                              |          |          |                   |         |              |          |        | ·            |                 | ļ ·            |         |
|                  |             |       | T         |                |              |                                              |         |         |                                                  |          |          |                   |         |              |          |        |              |                 |                | l       |
|                  | <u>i</u>    | !     |           |                | <u> </u>     |                                              |         |         |                                                  |          | į        | _                 |         |              |          |        | <u> </u>     |                 | ļ              |         |
| lement (X)       | Σχ'         |       |           | Z X            |              | X.                                           |         |         | No. Obs                                          |          |          |                   |         |              |          |        | th Temper 1* |                 |                |         |
| Rel. Hum.        |             | 0714  |           | 685            |              | 73.7                                         |         |         | 9                                                |          | ≤ 0 F    |                   | 32 F    |              | 7 F      | ≥ 73 F | ≥ 80 F       | • 93            | F              | Total   |
| Dry Bulb         |             | 4329  | 1         | 560            |              | 60.2                                         |         |         | 9                                                |          |          |                   |         | <u> </u>     | 4.8      | 2.     | B •          | 4               | <del></del>    |         |
| Wet Bulb         |             | 13932 | 1         | 512            |              | 55.1                                         |         |         | 9                                                |          |          |                   |         | <b>.</b>     | •7       |        | +            | +               |                | -       |
| Dew Point        | 247         | 8112  | 7         | 476            | 74           | 51.3                                         | 7.5     | 7       | 93                                               | 0        |          |                   | •2      | 1            |          |        | 1            |                 |                |         |

USAFETAC FORM 0.26-5 (OLA)

| USAFETAC FORM 0.26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS FORM ARE OSCOUTED |
|--------------------------------------------------------------------------------|
|--------------------------------------------------------------------------------|

| DATA | PRUCESS | ING  | DIVISION |
|------|---------|------|----------|
| USAF | ETAC    |      |          |
| AIR  | HEATHER | SERV | ICE/MAC  |

# **PSYCHROMETRIC SUMMARY**

| 5102                      | _ <u>FO</u>  | FT S                                             | MITH         |              |               |          | ,<br>                                         |                                                  |         | 57=6                                             | 6           |          |         |           |         |               |                                              |              |                |                                        | UG     |
|---------------------------|--------------|--------------------------------------------------|--------------|--------------|---------------|----------|-----------------------------------------------|--------------------------------------------------|---------|--------------------------------------------------|-------------|----------|---------|-----------|---------|---------------|----------------------------------------------|--------------|----------------|----------------------------------------|--------|
| STATION                   |              |                                                  |              | 57           | ATION N       | AME      |                                               |                                                  |         |                                                  |             |          |         | YE        | ARS     |               |                                              | PAG          | E 1            | 0000                                   | -020   |
| Temp.                     | 1            |                                                  |              |              |               |          |                                               |                                                  |         | DEPRES                                           |             |          |         |           |         |               |                                              | TOTAL        |                | TOTAL                                  |        |
| (F)                       | 0            | 1 - 2                                            | 3 - 4        | 5 - 6        | 7 - 8         | 9 - 10   | 11 - 12                                       | 13 - 14                                          | 15 - 16 | 17 - 18 1                                        | 9 - 20      | 21 - 22  | 23 - 24 | 25 - 26   | 27 · 28 | 29 - 30       | ≥ 31                                         | D.B. W.B.    | Dry Bulb       | Wet Bulb                               | Dew Po |
| 5/ 85                     |              |                                                  |              |              |               |          |                                               | . 1                                              |         |                                                  |             | ĺ        |         |           |         |               |                                              | Ţ            | 1              |                                        |        |
| 2/ 71                     |              |                                                  | L            |              |               |          | .1                                            |                                                  |         |                                                  |             |          |         |           |         |               | -                                            | 1            | 1              |                                        |        |
| 0/ 69                     | t            | 1                                                |              | ا ا          |               | • 1      | •1                                            | 1                                                |         | !                                                | !           | i        |         |           |         |               |                                              | 2.           |                |                                        |        |
| 8/ 67<br><del>5/ 65</del> | 1            | ,                                                |              | .2           | .2            | • 1      |                                               | ļ                                                |         |                                                  | -           | ļ        |         |           |         |               |                                              | <del>5</del> | <del>-</del> 5 |                                        |        |
| 4/ 63                     |              |                                                  | .6           | !            | .5            |          |                                               |                                                  |         | !                                                |             | ļ        | 1       |           |         |               |                                              | 16           | •              |                                        |        |
| 2/ 61                     |              | .3                                               |              | استا         |               |          |                                               |                                                  |         | <del> </del>                                     | i           |          |         |           |         |               |                                              | 36           |                |                                        |        |
| C/ 39                     |              |                                                  | _            |              |               |          |                                               |                                                  |         | 1                                                | ŀ           |          |         | . !       |         |               | !                                            | 67           | 67             |                                        |        |
| <del>3/ 57</del>          |              | 3.3                                              | 3.5          | . 9          |               |          | <del> </del>                                  | i i                                              |         | <del>                                     </del> |             |          |         |           |         |               | *                                            | 78           | 78             | 58                                     | 4      |
| 6/ 55                     | 1.2          | 6.1                                              | 3.4          | .6           | .3            |          |                                               |                                                  |         |                                                  | }           | ł        |         |           |         |               |                                              | 109          | 109            | 94                                     |        |
| <del>4/ 33</del>          |              |                                                  |              |              | .2            |          |                                               |                                                  |         |                                                  |             |          |         |           |         |               | 1                                            | 123          | 123            |                                        |        |
| 2/ 51                     |              |                                                  |              | .8           |               |          |                                               |                                                  |         | 1                                                |             | į        |         |           |         |               | 1                                            | 114          | 114            |                                        | -      |
| 0/ 49                     |              |                                                  |              | 110          |               |          |                                               |                                                  |         |                                                  |             |          |         |           |         |               | 1                                            | 89           | 89             |                                        | 15     |
| 8/ 47<br><del>6/ 43</del> |              |                                                  | 1            | . 2          |               |          | <u> </u>                                      |                                                  |         |                                                  |             |          |         |           |         |               | <br>                                         | 93           | 93             |                                        | 13     |
| 4/ 43                     |              | 1                                                | 1            | . 1          |               |          | i                                             |                                                  |         |                                                  |             | į        |         | İ         | 1       | 1             |                                              | 35           | 60<br>35       | I i                                    | ,      |
| 7/ <del>7</del> 3         |              |                                                  | 1            | 1 -          |               |          | <b>1</b>                                      | <b></b>                                          |         | 1                                                |             |          |         | ļ         |         |               | <u>.                                    </u> | 35           | 35             | - 1                                    | 8,     |
| 0/ 39                     |              |                                                  |              |              |               |          | 1                                             |                                                  |         |                                                  |             |          |         |           |         | ĺ             | i .                                          | 23           | 23             |                                        |        |
| 8/ 37                     | 1 -          | 1 7 .                                            |              | 1 !          | -             |          | <del> </del>                                  | 1                                                |         | 1                                                |             |          |         |           | -       | <u> </u>      | <del> </del>                                 | 18           | 11             | - 1                                    | 30     |
| 6/ 35                     |              | .1 -                                             |              | ļ            |               |          | ł                                             |                                                  |         |                                                  |             |          |         |           |         |               | İ                                            | - 9          | . 9            | 1                                      | 24     |
| 4/ 33                     | .2           |                                                  | -            | <del> </del> | <del></del> - |          |                                               | +                                                |         | + +                                              |             |          |         |           |         | <del></del>   |                                              | 6            | - 6            | 5                                      | 10     |
| 2/ 31                     |              | ·                                                | į            | i :          |               |          | ì                                             | 1 1                                              |         | 1                                                |             |          |         |           |         |               |                                              | 1            | 1              | 5                                      |        |
| 0/ 29                     |              |                                                  |              | l            | ·             |          | <b>†</b>                                      | !                                                |         | <del> </del>                                     | -           |          |         |           |         |               |                                              |              |                | <del>  </del>                          |        |
| TAL                       | 10.4         | 73.8                                             | 24.2         | 8.0          | 2.8           | . 5      | .2                                            | • 1                                              |         |                                                  | ļ           |          |         |           |         |               |                                              |              | 930            |                                        | 730    |
| _                         |              | 1                                                | 1            | į            |               |          | !                                             |                                                  |         |                                                  |             |          |         |           |         |               |                                              | 930          |                | 930                                    |        |
|                           | ļ            |                                                  | <u> </u>     | i .          | ·             | <br>     | <u>i                                     </u> | <u> </u>                                         |         |                                                  |             |          |         |           |         |               | ļ                                            |              |                |                                        |        |
|                           | į            | i<br>I                                           |              | 1            | ì             |          |                                               |                                                  |         | i l                                              | i           |          |         |           |         |               |                                              |              |                |                                        |        |
|                           | <del>-</del> | -                                                | i            | <b>-</b>     | L             | -        | <del></del>                                   |                                                  |         | <b> </b>                                         |             |          |         |           |         |               | Ļ                                            |              |                | i                                      |        |
|                           |              |                                                  |              | [            |               |          | i                                             |                                                  |         | 1 1                                              |             |          |         |           |         |               |                                              |              |                | !                                      |        |
|                           | <del></del>  | -                                                | <del></del>  | <del></del>  | ļ             | <u> </u> | <del> </del>                                  |                                                  |         | ++                                               |             |          |         |           |         |               |                                              |              |                | <del></del>                            |        |
|                           |              |                                                  |              |              |               | !        |                                               | 1 1                                              |         | 1                                                | 1           |          |         |           |         |               |                                              |              |                |                                        |        |
|                           | <del></del>  | <del>                                     </del> | <del> </del> |              |               | ļ        | <del> </del>                                  | <del>                                     </del> |         | ++                                               |             |          |         | -         |         |               |                                              |              |                | <del></del>                            |        |
|                           |              |                                                  |              | [            |               |          |                                               | 1 1                                              |         |                                                  |             |          |         |           |         |               |                                              |              |                |                                        |        |
| lement (X)                | +            | Z x 2                                            | <del></del>  |              | Z x           |          | X                                             |                                                  | 1       | No. Obs.                                         | <del></del> |          |         | <u></u> i | Mean N  | to. of H      | ours with                                    | Temperat     | ure            | ــــــــــــــــــــــــــــــــــــــ |        |
| el. Hum.                  | +            |                                                  | 1723         |              | 803           | 15       |                                               | 7,6                                              | 05      | 93                                               | 0           | 5 0 F    |         | 32 F      | ≥ 67    |               | 73 F                                         | ∙ 80 F       | → 93           | F 1                                    | Fotal  |
| ry Bulb                   | 1            |                                                  | 18188        |              | 480           | 90       | 51.7                                          | 6.6                                              | 81      | 93                                               |             | <u> </u> |         | • 1       |         | .9            | •1                                           | •            |                |                                        | 9      |
| fer Bulb                  |              |                                                  | 0414         |              | 459           |          |                                               | 5,6                                              |         | 93                                               |             |          |         | . 5       |         | $\neg \vdash$ |                                              | ·            |                |                                        | 9;     |
| Dew Point                 | 1            | 213                                              | 12297        |              | 441           | 73       | 47.5                                          | 5.8                                              | 74      | 73                                               | O           |          | $\neg$  | . 9       |         |               |                                              |              | 1              |                                        | 93     |

DATA PRUCESSING DIVISIUN USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DOT APT 57-66 26102 AUG STATION NAME PAGE 1 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 68/ 67 66/ 65 64/ 63 . 2 . 1 . 8 10 10 62/61 12 12 .1 2.8 2.6 61 58/ 57 51 51 30 1.6 3.9 1.4 2.0 8.0 1.9 50/ 55 88 46 67 66 66 54/ 53 116 85 116 52/ 51 1.0 8.4 2.9 111 111 102 114 50/ 49 - 1 111 111 127 116 2.2 6.6 1.2 2.6 6.3 1.1 122 126 91 46/ 45 • 1 94 94 104 44/ 43 1.0 5.8 ·Z 65 65 84 83 42/ 41 1.3 1.9 33 61 33 44 40/ 39 1.2 2.0 32 32 29 36/ 37 1.6 40 1.4 30 30 45 36/ 35 1.1 1.0 23 25 ZZ 27 34/ 33 32/ 31 . 6 . 5 11 11 20 22 16 . 2 30/ 29 28/ 27 TUTAL 18.561.714.4 3.8 1.5 930 930 930 930 2 x 83484 2x<sup>2</sup> 7556790 89.8 8.177 No. Obs. Mean No. of Hours with Temperature 730 ≥ 67 F ≥ 73 F ≥ 80 F < 93 F 49.4 6.757 45959 930 2313031 . 6 Dry Bulb 47,8 6,167

(OLA) 0.26.5

Wet Bulb

Dew Point

730

730

73

93

.6

2.1

44455

43126

2150325

2035166

26102

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

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5102 FURT SMITH NET OUT APT 0600-0800 PAGE 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control (F) 70/ 69 68/ 67 .0 .9 .2 1.5 1.4 66/ 65 1.1 24 24 . 8 64/ 63 33 33 1 1.2 2.0 1.6 .2 2.8 4.5 1.0 .2 3.2 4.2 1.1 1.0 6.8 3.0 1.4 627 61 53 53 17 60/ 59 . 5 86 86 43 20 38/ 37 83 83 91 46 56/ 55 54/ 53 114 104 70 114 1.9 6.0 3.4 1.0 115 115 135 123 1.0 7.3 2.2 52/ 51 99 90 114 125 50/ 49 1.0 5.3 2.9 86 88 112 131 102 90 73 48/ 47 1.9 3.9 1.4 67 67 91 74 46/ 45 1.6 3.3 1.4 60 60 44/ 43 2.0 35 54 1.1 . 1 35 .5 1.5 • 1 37 42/ 41 20 20 57 40/ 39 38/ 37 32 . 3 18 16 16 13 22 13 36/ 35 8 18 34/ 33 32/ 31 • 1 • 1 B 2 2 30/ 29 • 12.445.928.3 9.6 3.4 I TOTAL 930 930 930 930 No. Obs Mean No. of Hours with Temperature Element (X) 6930529 <del>79785</del> 85,8 9,607 930 ≥ 93 F 267 F 273 F 280 F Rel. Hum. 20 F ± 32 F 930 93 2658891 49327 53.0 6.771 1.1 Dry Bulb 2415562 930 47076 50.6 5.924 73 Wet Bulb . 4 2237325 45283 93

57-66

ð õ 0 26.5 FORM JUL 64

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

57-66 FORT SMITH NWT DOT APT PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point 80/ 79 78/ 77 76/ 75 74/ 73 . 3 . 3 35 35 1.6 .2 72/ 71 70/ 69 68/ 67 • 1 63 63 67 67 66/ 65 78 40 79 64/ 63 97 62/ 61 83 83 20 50/ 59 58/ 57 81 61 125 94 94 107 73 56/ 55 89 89 135 54/ 53 65 65 132 122 52/ 51 47 50/ 49 33 33 83 130 48/ 47 21 51 98 21 52 46/ 45 41 6 44/ 43 48 42/ 41 62 40/ 39 . 1 38/ 37 36/ 35 9 6 34/ 33 32/ 31 2.014.817.322.417.215.2 7.7 2.3 1.0 930 930 930 930 Mean ita, of Hours with Temperature 4711441 64807 69.714,502 730 10 F ≥ 73 F ≥ 93 F 5 32 F 61.1 7.262 55.0 5.373 3519044 73 36808 930 22.9 6.0 Dry Bulb 2836550 31118 730 Wet Bulb 46934 50.5 5.976 930 13 2401782 Dew Point

0.26.5 (OL A)

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 6102             | FD  | RT S         | HITH         |         | TCICL N |        |         |         |                                                  | 57-           | 66       |         |         |               | ARS             |              |                                                  |          | - A (    | JG    |
|------------------|-----|--------------|--------------|---------|---------|--------|---------|---------|--------------------------------------------------|---------------|----------|---------|---------|---------------|-----------------|--------------|--------------------------------------------------|----------|----------|-------|
| 3181.04          |     |              |              | ,       | N       | - INIE |         |         |                                                  |               |          |         |         | 12            |                 |              | PAGE                                             | 1        | 1200     | -140  |
| Ter 2.           |     |              |              |         |         |        |         |         | ATURE                                            |               |          |         |         |               |                 |              | TOTAL                                            |          | TOTAL    |       |
| (F)              | 0   | 1 - 2        | 3 · 4        | 5 - 6   | 7 - 8   | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16                                          |               | 19 - 20  | 21 - 22 | 23 - 24 | 25 - 26       | 27 - 28 29      | - 30 ≥ 31    | D.B. W.B. D.                                     | ry Bulb  | Wet Bulb | Dew F |
| 85/ 85           | !   |              |              |         |         |        |         | ١.,     |                                                  | • 1           |          |         |         |               | 1               |              | 1                                                | 1        | 1        |       |
| 84/ 83<br>82/ 81 |     | 1            | !            |         |         |        | -       | • 1     |                                                  | .2            |          |         |         | <b> </b>      |                 |              | 7 7 7                                            |          |          |       |
| 80/ 79           |     |              |              |         |         |        | • 4     | .2      |                                                  | . 1           | . 1      |         |         |               |                 |              | 30                                               | 13       |          |       |
| 78/ 77           |     |              |              |         | -1      | -1     | 1.8     |         |                                                  | . 4           | -:1      | -1      |         |               | <del></del>     |              | 48                                               | 48       |          |       |
| 76/ 75           |     | 1            |              | . 1     |         | . 3    | 1.0     |         | ( - : - )                                        | 4             | . 3      | • •     |         | } }           | 1               |              | 43                                               | 43       |          |       |
| 74/ 73           |     |              |              | 2       | . 5     | 1.0    |         | 2.7     | 1.0                                              | . 0           |          |         |         |               | <del>+</del> -  |              | 67                                               | 67       |          |       |
| 72/ 71           | ŀ   |              |              | . 2     | 1.0     |        | 2.7     | 1.1     | .4                                               |               | • 2      |         |         |               | 1               |              | 69                                               | 69       |          |       |
| 70/ 69           |     |              | . 1          | . 3     | 2.0     | 1.8    | 2.4     | 1.6     | .3                                               | • 2           |          |         |         | <del>  </del> |                 |              | 82                                               | 82       | 7        |       |
| 68/ 67           |     |              | . 4          | 1.0     | 1.2     | 1,7    | 1.8     | 1.2     |                                                  |               |          |         | I       |               |                 |              | 68                                               | 68       | 22       |       |
| 50/ 65           |     | . 4          | - , 5        | . 3     | 1.0     | 2,5    | 1.0     | ,       | .1                                               |               |          |         |         |               |                 |              | 70                                               | 70       | 1        |       |
| 64/ 63           |     | . 4          | • >          | 1.9     | 1.9     | 2.0    |         | . 5     | . 3                                              |               |          |         |         |               | [               |              | 80                                               | 80       |          |       |
| 19 /29           | • 1 | • 9          | 1.1          | 1.9     | 2.0     | 1.5    | 1.8     |         |                                                  |               |          |         |         |               |                 |              | 87                                               | 87       | 103      |       |
| 50/ 59           |     | 1.4          | 2.7          | 1.7     | 1.4     | 1.7    | • 4     | • 1     |                                                  |               |          |         |         |               |                 |              | 76                                               | 76       | 119      |       |
| 58/ 57<br>56/ 55 |     | 1.1          | 1 0          | .8      | 1.4     | •      | • 1     |         |                                                  | Į             |          |         |         |               |                 |              | 57                                               | 57       | 106      |       |
| 54/ <b>5</b> 3   |     | 6            | - 9          | 4       | 1       | • 1    |         |         |                                                  |               |          |         |         | l             |                 |              | 32                                               | 52<br>32 | 107      | Ť     |
| 52/ 51           | - 4 | . 8          | • -          | 1.5     | .2      |        | }       |         |                                                  | - 1           |          | 1       |         |               |                 | ł            | 25                                               | 25       | 82       | i     |
| 50/ 49           | 4   | - 4          | . (4)        |         |         |        |         | -       |                                                  |               |          |         |         |               |                 |              | 12                                               | 12       | 56       | Ť     |
| 48/ 47           |     | . 4          | . 1          |         |         |        |         |         |                                                  |               |          | 1       |         |               | 1               |              | - 5                                              | 5        | 31       | •     |
| 467 45           | . 2 | • 2          |              |         |         |        |         |         |                                                  |               |          |         |         |               |                 |              | 4                                                | 4        | 36       |       |
| 44/ 43           | 1   | • 3          |              | ,       |         |        |         |         |                                                  |               |          |         |         |               | i               |              | 3                                                | 3        | 8        |       |
| 427 41           | • 1 |              |              |         |         |        |         |         |                                                  |               |          |         |         |               |                 |              | 1                                                | 1        | 3        |       |
| 40/ 39           | 1   | i            |              |         |         |        | Ĺi      | í       | Ĺ                                                |               |          | [       |         |               | 1               |              | 1 1                                              |          |          |       |
| 38/ 37           |     | <sub>i</sub> |              |         |         |        |         |         |                                                  |               |          |         |         |               |                 |              |                                                  |          |          |       |
| 36/ 35           | 1   |              |              |         |         |        |         |         | ļ                                                | !             |          |         |         | ļļ            |                 |              | $oxed{oxed}$                                     |          |          |       |
| 34/ 33           | 1   |              |              |         |         |        |         |         |                                                  | 1             |          |         |         |               |                 |              |                                                  |          | ĺ        |       |
| DTAL             |     | 7.9          | 9.7          | 11.9    | 16.7    | 15.0   | 1 4. 7  | 11.1    | 7.2                                              | 2.9           | 1.2      | - :1    |         |               |                 |              | <b></b>                                          | 930      |          | 9     |
|                  | • 7 | 7            | • •          | • • • • |         |        |         |         | '                                                |               | ***      | • •     |         |               | 1               |              | 930                                              | ¥ .4U    | 930      | •     |
|                  | ł   | i            |              |         |         |        |         |         | <del>                                     </del> | $\rightarrow$ |          |         |         | -             | — <del>- </del> | _+_          | <del>                                     </del> |          |          |       |
|                  | 1   | l            |              |         |         |        |         |         |                                                  |               |          |         |         |               |                 |              |                                                  |          |          |       |
| 1                |     |              | · †          |         |         |        |         | l       |                                                  | -             |          |         |         | <del>  </del> |                 |              |                                                  |          |          |       |
|                  |     |              |              |         |         |        |         |         |                                                  |               |          |         |         |               |                 |              |                                                  |          |          |       |
| lement (X)       |     | Σχ'          |              |         | Σχ      |        | ¥ ,     | •,      | J                                                | No. Ob        |          |         |         |               | Mean No.        | of Hours wit | h Temperatur                                     | •        |          |       |
| lel. Hum.        |     |              | 9036         |         | 550     |        | 39,2    |         |                                                  |               | 30       | ± 0 F   | -   -   | 32 F          | ≥ 67 F          | ≥ 73 F       | ≥ 80 F                                           | ≥ 93 F   | · T      | otal  |
| Dry Bulb         | _   |              | 4212<br>4361 |         | 525     |        | 65.5    | 5.5     |                                                  |               | 30<br>30 |         |         |               | 42.6            |              | 2.9                                              |          |          |       |
| Wet Bulb         |     |              | 4123         |         | 963     |        |         | 0.0     |                                                  |               | 30       |         | - 1     |               | 2.5             | 7            | 1                                                | ı        |          |       |

FOEM 0.26-5 (OL A) USAFETAC

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102   | FORT SMITH NWT DOT APT | 57=66 |       |        | 406                           |
|---------|------------------------|-------|-------|--------|-------------------------------|
| STATION | STATION NAME           |       | YEARS |        | MONTH                         |
|         |                        |       |       | PAGE 1 | 1500-1700<br>HOURS (L. S. T.) |
|         |                        |       |       |        |                               |

| Temp.      |     |                  |              |                                         |                | WET    | BULB '       | TEMPER                                           | RATURE       | DEPRE    | SSION         | F)                                     |                  |                  |                                                  |                |          | TOTAL            |          | TOTAL    |              |
|------------|-----|------------------|--------------|-----------------------------------------|----------------|--------|--------------|--------------------------------------------------|--------------|----------|---------------|----------------------------------------|------------------|------------------|--------------------------------------------------|----------------|----------|------------------|----------|----------|--------------|
| (F)        |     | 1.2              | 3 - 4        | 5 - 6                                   | 7 - 8          | 9 - 10 | 11 - 12      | 13 - 14                                          | 15 - 16      | 17 - 18  | 19 - 20       | 21 - 22                                | 23 - 24          | 25 - 26          | 27 - 28                                          | 3 29 -         | 30 ≥ 31  | D.B. W.B.        | Dry Bulb | Wet Bulb | Dew Poir     |
| 88/ 87     |     |                  |              | · • • • • • • • • • • • • • • • • • • • |                |        |              |                                                  | 1            |          | .1            |                                        |                  |                  | T                                                | -              |          | 2                | 2        |          |              |
| 86/ 85:    |     |                  |              | ſ                                       |                |        |              | Ì                                                | 1            | , 2      |               | ı                                      |                  | 1                | ĺ                                                | Ĭ              |          | 3                | 3        |          |              |
| 84/ 83     |     |                  |              |                                         |                |        |              | • 1                                              |              |          |               | -                                      |                  | <del>  -</del> - | †                                                |                |          | 13               | 13       |          |              |
| 82/ 81     |     |                  |              |                                         |                |        |              | . i                                              |              |          | . 4           | .1                                     |                  |                  | 1                                                | 1              |          | 19               | 19       |          |              |
| BQ/ 79     |     |                  |              |                                         |                | - 1    | - 2          | - 4                                              | 1.5          |          |               |                                        | .1               | <del> </del>     |                                                  | <del> </del>   |          | 49               | 49       |          |              |
| 78/ 77     |     |                  | İ            |                                         | - 1            |        | 1.6          |                                                  | i. 6         |          |               |                                        |                  | ì                |                                                  | 1              | 1        | 40               | 40       |          | <br>         |
| 76/ 75     |     |                  |              |                                         |                |        | .6           |                                                  |              |          |               | 1                                      |                  | <del> </del> -   | <del> </del>                                     | +              |          | 58               | 58       |          | <del> </del> |
| 74/ 73     |     | : !              |              |                                         | 1              | • •    | 1.7          |                                                  |              |          |               |                                        |                  | 1                | 1                                                | 1              |          | 55               | 55       | ĺ        | ;            |
| 72/ 71     |     |                  |              | . 1                                     | . 4            | 1.6    |              | 1.                                               |              |          | .t            |                                        | <del></del>      | <del></del> -    | <del> </del>                                     | ┼              | +-       | 64               | 66       |          |              |
|            |     | i                |              | . 2                                     |                | 1.3    |              |                                                  | 1 .          |          |               |                                        | 1                |                  | }                                                |                | 1        | 73               |          |          | i            |
| 70/ 69     |     | _                | • •          |                                         |                |        |              | 2.0                                              | 1 .          |          | 1             | <del> </del>                           | <del> </del>     | <b>├</b> —–      | <b>├</b> ──                                      | +              |          | 66               | _        | 1        | <u> </u>     |
| 58/ 67     | _   | • 1              | . 3          | 1.0                                     | 1.4            |        |              |                                                  |              |          | 1             | 1                                      | 1                | 1                | 1                                                | 1              | -        | 71               | 71       |          |              |
| 66/ 65     | • 1 |                  | . 2          |                                         | 1.6            |        | 1.4          | . 8                                              |              | _1       | <del>  </del> | <b> </b>                               | <b></b>          | <del> </del>     | ļ                                                | <del> </del>   |          | 90               | 90       |          |              |
| 54/ 63     | _   | . 8              | • 7          | 2.2                                     | - · -          | 1,9    | . 6          |                                                  |              | 4        | }             |                                        |                  | 1                |                                                  |                | !        | 96               |          |          |              |
| 62/ 61     | - 1 |                  |              |                                         | 1.5            | 2.9    |              |                                                  |              | J        | <b></b>       | <u> </u>                               | <b>⊢</b>         | <b></b>          | <del> </del> -                                   | <u> </u>       | • • • •  | 1. <del>70</del> | - 74     |          |              |
| 50/ 59     |     | . 4              | 1.7          | 1.9                                     |                | 1.8    |              |                                                  |              | 1        |               |                                        |                  |                  | 1                                                | 1              | į        | 53               |          |          |              |
| 58/ 57     |     | 1 • 1            | 1.1          | . 8                                     | 1.2            |        |              | • 1                                              | <u> </u>     | <u> </u> |               |                                        |                  | <u> </u>         | <del> </del>                                     | . i            | · · •    | _                |          |          |              |
| 567 55     | • 1 |                  |              | . 5                                     | . 4            | . 5    |              |                                                  |              |          |               |                                        | İ                | 1                | 1                                                |                |          | 36               |          |          |              |
| 54/ 53     |     | . 6              | -            |                                         |                | . 5    | ľ            | l                                                | Ĺ            | <u> </u> | l             |                                        |                  |                  | <u></u>                                          | <u> </u>       | <u>.</u> | 32               |          |          |              |
| 52/ 51     |     | 1.0              |              |                                         | . 3            |        |              |                                                  |              | T        |               |                                        |                  |                  | 1                                                | İ              |          | 18               |          |          |              |
| 50/ 49     |     | . 1              | . 2          | . 1                                     |                |        | l            |                                                  | 1            |          | 1             | ĺ                                      | l                | L                |                                                  |                |          | 4                | _        | 71       |              |
| 48/ 47     | • 2 | . 8              | •1           |                                         |                |        |              |                                                  | $\top$       |          |               | 1                                      | ,                |                  |                                                  |                |          | 10               | 10       |          |              |
| 46/ 45     |     | . 4              | i            | i                                       |                |        |              | ĺ                                                |              | 1        |               |                                        | 1                | i                |                                                  | 1              | 1        | 4                | 4        | 27       |              |
| 44/ 43     |     | † · · · ·        | L            |                                         |                |        |              |                                                  | †            |          | 1             |                                        |                  |                  | 1                                                |                |          | 1                |          | 9        |              |
| 42/ 41:    |     |                  |              | i                                       |                | İ      |              |                                                  | 1            |          | 1             | i                                      |                  |                  |                                                  |                |          |                  |          |          | . 5          |
| 40/ 39     |     | Ì                | :            | ļ                                       | Ì              |        | <u> </u>     | 1                                                | <u> </u>     | 1        | 1             | 1                                      |                  | †——–             |                                                  |                |          |                  |          | • • •    | 3            |
| 38/ 37     |     |                  | Į.           | į                                       |                | 1      |              |                                                  |              |          |               | 1                                      |                  |                  |                                                  |                |          | i                | i        |          | 2            |
| 36/ 35     |     | ļ                | <del></del>  | t ···                                   | <del> </del>   |        |              | <del> </del>                                     | <del> </del> | +        | <u> </u>      | †                                      |                  |                  | <del>                                     </del> | 1              |          | . <b>4</b>       | •        | •        |              |
| 34/ 33     |     | į.               | 1            | ļ                                       |                |        |              |                                                  |              | }        | 1             | 1                                      |                  |                  | }                                                |                |          | 1                |          |          | 1            |
| 287 27     |     | r                | <del> </del> | ·                                       | }- <del></del> |        | <del> </del> | <del>                                     </del> |              | +        | 1             | +                                      | <del> </del>     | 1                | +                                                | -†             |          | •                | •        | •        |              |
| UTAL       |     | 7.3              | 7.1          | 11.5                                    | 12.8           | 15.2   | 14.1         | 13.                                              | 9.           | 9 4.5    | 2.4           |                                        | . 1              | ı l              |                                                  | 1              |          |                  | 930      | e.       | 93           |
| :          |     | ]-:-:            |              |                                         |                |        |              |                                                  | +-           | +        | +             | +                                      | ļ                | -                | +                                                |                | +        | 930              | •        | 930      | ř. –         |
|            |     |                  |              | i                                       | l              | 1      |              |                                                  |              |          |               |                                        | 1                |                  |                                                  |                | -        |                  |          |          | i            |
| }          |     | <del></del>      |              |                                         | <del> </del>   |        | -            | <del>                                     </del> | +            | +        | +             | +                                      | <del> </del>     | -                | +                                                | <del> </del> - |          | <del> </del>     | i -      | •        |              |
|            |     | 1                |              |                                         |                |        |              |                                                  |              |          |               |                                        |                  |                  |                                                  |                |          |                  |          |          | 1            |
|            |     | Ž <sub>H</sub> 2 |              | $\vdash$                                | žχ             |        | Ţ.           | -                                                |              | No. O    | bs.           | ــــــــــــــــــــــــــــــــــــــ | Ь                | <del></del>      | Mean                                             | No. of         | Hours wi | th Tempera       | ture     |          |              |
| lement (X) |     |                  | 8701         |                                         | ~ X<br>326     | 85     | 36.1         |                                                  |              |          | 30            | ± 0                                    | F                | : 32 F           |                                                  | 7 F            | ≥ 73 F   | → 80 F           | • 93     | F T      | Total        |
| Rel. Hum.  |     |                  | 8225         |                                         | 617            |        |              | 6.                                               |              |          | 30            |                                        | <del>' +</del> - | - 32 1           |                                                  | 4.2            | 23.4     |                  |          | +_       | 9            |
| Dry Bulb   | _   |                  | 0752         |                                         | 320            |        |              | 5.                                               |              |          | 30            |                                        | -+-              |                  |                                                  | 2.5            |          | 1                |          |          | <b>-</b>     |
| Wet Bulb   |     |                  |              |                                         | 457            |        |              | 6.                                               |              |          | 730           | <del> </del>                           | -+               |                  |                                                  |                |          | +                |          |          | 9            |
| Dew Point  |     | 231              | 2628         | <u>'</u>                                | 727            | 16     | 774          | , 00                                             | 7 2 6        |          | 7 V           |                                        |                  | • 4              | <u> </u>                                         |                |          |                  |          |          |              |

|            |                 |                | 1                  |       |          |               |        |            |              |            | !     |       |
|------------|-----------------|----------------|--------------------|-------|----------|---------------|--------|------------|--------------|------------|-------|-------|
| lement (X) | Σ <sub>χ²</sub> | ž <sub>x</sub> | <del>-   X</del> - |       | No. Obs. | <del></del> _ |        | Mean No. a | f Hours with | Temperatur |       |       |
| Rel. Hum.  | 3238701         | 52685          | 56.7               | 6.537 | 930      | ± 0 F         | : 32 F | ≥ 67 F     | ≥ 73 F       | + 80 F     | ₹93 F | Total |
| Dry Bulb   | 4168225         | 61783          | 66.4               | 6.285 | 930      |               |        | 44.2       | 23.9         | 5.9        | i     |       |
| Wet Bulb   | 3010752         | 52670          | 56.6               | 5.472 | 930      |               |        | 2.5        |              |            |       |       |
| Dew Point  | 2312628         | 45772          | 49.4               | 6.732 | 930      |               | • 1    |            |              |            |       |       |

USAFETAC FORM 0.26.5 (OL.A) REVISED MEYODUS EDITIONS OF THIS FORM ARE OMNORER

DATA PROCESSING DIVISION USAF FTAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

57-66 FORT SMITH NWT DOT APT 26102 -1800-2000 HOURS (L. S. T.) PAGE 1

| Ory Bulb         |     |                  | 0903     |       | 382        |           | 62.7      | 7.8                                              | 03            | 7        | 30      | <u>`</u> |              |              | 29        |          | 11.0                                             | •            | 7               |                                                  | 9          |
|------------------|-----|------------------|----------|-------|------------|-----------|-----------|--------------------------------------------------|---------------|----------|---------|----------|--------------|--------------|-----------|----------|--------------------------------------------------|--------------|-----------------|--------------------------------------------------|------------|
| lement (X)       |     | Σχ'              | 6103     |       | 2 x<br>611 | 05        | X<br>65.7 | 15.7                                             | 77            | No. O    | 30      | ₹ 0      | F            | ± 32 F       | Mean ≥ 67 |          | Hours will<br>≥ 73 F                             | ≥ 80 F       | ≥ 93            | F                                                | Total      |
|                  |     |                  |          |       |            |           | Ĺ         |                                                  | <u>L,    </u> |          | Ĺ.,     |          |              |              |           |          | Manua 11174                                      | Tempero      |                 |                                                  |            |
|                  |     | † ·              |          |       |            |           |           |                                                  |               |          |         |          |              |              |           |          |                                                  |              |                 |                                                  |            |
| <del></del>      |     | <br> <br>        |          |       |            |           |           |                                                  |               |          |         |          |              |              |           |          |                                                  | 930          |                 | 930                                              | ,,         |
| 32/ 31<br>JTAL   | 1.1 | 12.4             | 16.0     | 18.0  | 15.8       | 14.2      | 11.2      | 6.6                                              | 3.5           | 1.2      | . 1     |          |              |              |           |          |                                                  |              | 930             |                                                  | 93         |
| 34/ 33           |     |                  | ļ        |       |            |           |           |                                                  |               |          |         |          | 1            | <del> </del> | <u> </u>  | <u> </u> | ļ                                                |              |                 | <del> </del>                                     | <b>├</b> ─ |
| 367 35           |     | ·                | <u> </u> |       |            |           | ļ         | <del>                                     </del> |               |          |         |          |              | $\top$       |           |          |                                                  |              |                 |                                                  | 1          |
| 38/ 37:          |     |                  | j        |       |            |           |           | 1                                                |               |          |         |          |              | 1            |           |          |                                                  |              |                 |                                                  | 1          |
| 62/ 41<br>60/ 39 |     |                  | i        |       |            |           |           |                                                  |               | ┼        |         | -        | +-           | +            |           |          | +                                                | <del> </del> |                 | <del>                                     </del> |            |
| 4/ 43            |     | . 4              |          |       |            |           |           |                                                  |               |          |         |          |              |              |           |          |                                                  | •            | •               | 10                                               |            |
| 6/ 45            | . 6 |                  |          | • 1   |            |           |           | L                                                |               | L        | L       |          | ↓            | <del> </del> |           |          | 1                                                | 12           | 12              | 10                                               |            |
| 87 47            | •1  |                  |          | . 3   |            |           |           |                                                  |               |          |         |          |              |              |           |          |                                                  | 10           | 10              | ,                                                |            |
| 0/ 49:           |     | 9                |          | . 4   | . 2        |           |           |                                                  |               |          |         |          |              |              |           |          | 1                                                | 24           | 24              |                                                  |            |
| 2/ 51            |     | 1.3              |          |       |            | <u>:i</u> |           |                                                  |               | <u> </u> |         |          | 1            | $\top$       |           |          |                                                  | 34           | 34              |                                                  |            |
| 14/ 53           | • 2 | 1.7              |          | 1.0   | .6         | .1        |           |                                                  |               |          |         |          |              |              |           |          |                                                  | 47           | 47              | 104                                              | 11         |
| 8/ 57<br>67 55   | • Z | 2.0              | 3.1      | 1.5   | 1.5        | .6        | •1        |                                                  |               |          |         |          | <del> </del> | +            |           | —        | <del>                                     </del> | 79           | 79              |                                                  |            |
| 0/ 59            | • 1 |                  |          | 2.9   | 2.3        | 1.3       | • 4       | • 1                                              |               | l        |         |          | 1            |              |           |          |                                                  | 81           | 81              |                                                  |            |
| 2/ 61            |     | 1.3              |          | 2.3   | 1,8        | 1,4       | . 5       | . 3                                              |               |          |         |          | <b>↓</b>     | ↓            |           |          |                                                  | 84<br>108    | 108             |                                                  |            |
| 4/ 63            |     |                  | 1.1      | 1.8   | 2.4        | 1.3       | . 5       | • 2                                              | -1            |          |         |          |              |              |           |          |                                                  | 69           | 69<br>84        |                                                  |            |
| 6/ 65            |     |                  | , 9      | 2.8   | 1.3        | 2.0       | . 9       | - 4                                              | • 2           |          |         |          |              | <u> </u>     |           |          |                                                  | 79           | 79              |                                                  |            |
| 87 67            |     |                  | Z        | 1.4   | 1.3        | 1.9       | 2.0       | . 5                                              | -1            |          |         |          |              |              |           |          | 1 1                                              | 72           | 72              |                                                  |            |
| 0/ 69            | -   | 1                | 1        | 1.0   | 1.1        | 2.4       | 1.2       | 8                                                | • '           |          |         |          |              | !            |           |          |                                                  | 60           | 60              | 1                                                |            |
| 14/ 73<br>12/ 71 |     |                  |          | . 3   | .6         | 1.0       | 2.5       | 1.2                                              | -:4           | • 4      |         |          | -            | <del> </del> | -         |          | + +                                              | 37           | <del>- 37</del> |                                                  |            |
| 6/ 73            |     |                  |          | 1     | . Z        | . 4       | 1.1       | . 4                                              | 1.1           | •1       |         |          |              |              |           |          |                                                  | 40           | 40              |                                                  | ,          |
| 8/ 77            |     |                  | [        |       |            | , 1       | _ , 3     | 1.2                                              | . 5           | . 5      |         |          |              |              |           |          | $\downarrow \downarrow \downarrow$               | 25           | 25<br>31        |                                                  | <b>├</b>   |
| 0/ 79            |     | . •              |          |       |            |           | • 1       | . 2                                              | . 3           | • 2      |         |          |              |              |           |          |                                                  | 8            | 8               |                                                  |            |
| 2/81             |     |                  | i        |       | ĺ          | f         | . 1       | ĺ                                                | . 2           | . 1      | -       |          |              |              |           |          |                                                  | 4            | 4               |                                                  | <u> </u>   |
| (F)<br>(4/ 83:   |     | <u>1 · 2</u> · → | 3 - 4    | 3 . 6 | / - 8      | 9 - 10    | 11 - 12   | 13 - 14                                          | 13 - 10       | • 1      | 1       | 21 - 22  | 23.2         | 120 120      | .,        |          |                                                  | 2            | 2               |                                                  |            |
| Temp<br>(F)      | 0   | 1 . 2            | 3 - 4    | 5 - 6 | 7 0        | 0 10      | 12 12     | EMPER                                            | 15 16         | 17 - 18  | 19 - 20 | 21 - 22  | 23 - 24      | 25 - 26      | 27 - 28   | 29 - 3   | 2 31                                             | D.B./W.B.    | Dry Bulb        | Wet Bulb                                         | Dew Po     |

USAFETAC FORM 0.26-5 (OL A)

DATA PROCESSING DIVISION USAF ETAG AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

126

109

108

92

60

51

31

12

106

138

122

108 99 57

51

33

19

18 12

26102 FORT SMITH NWT DET APT 57-66 AUG STATE ON THE STATION NAME PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 74/ 73 72/ 71 .1 1 .1 .5 .1 1.0 1.2 .4 1.3 2.6 .1 1.5 3.3 2.7 .1 2.3 3.3 2.4 .3 3.3 4.2 1.9 .9 5.8 3.8 1.5 70/ 69 .6 . Z 11 11 68/ 67 .4 16 16 44 44 64/ 63 51 51 10 62/ 61 89 89 29 85 59 85 32 58 / 57 56 / 55 99 100 100 46 . 2 115 132 82 115

.2 4.3 4.3 1.2 1 54/ 53 52 / 51 50 / 49 88 88 .9 3.3 1.7 73 48/ 47 . 9 63 63 .3 Z.3 I.O 40/ 45 . 3 36 36 44/ 43 .6 2.3 .3 • 1 31 31 427 41 , 4 11 . 1 40/ 39 • 3 .1 .3 38/ 37 36/ 35 34/ 33

TOTAL 5.335.729.917.3 8.4 2.8 930 930 930 930

|             |         |       |      |                |          |       |        | <b>\</b> |              |             |        |       |
|-------------|---------|-------|------|----------------|----------|-------|--------|----------|--------------|-------------|--------|-------|
| Element (X) | Σχ'     | ΣX    | ¥ .  | σ <sub>g</sub> | No. Obs. |       |        | Mean No. | of Hours wit | h Temperatu | ire .  |       |
| Rel. Hum.   | 6154697 | 74911 | 80.5 | 11.396         | 930      | ± 0 F | ≤ 32 F | ≥ 67 F   | ≥ 73 F       | ≥ 80 F      | ≥ 93 F | Total |
| Dry Bulb    | 2882113 | 51403 | 55.3 | 6.640          | 930      | _     |        | 3.3      | • 1          |             |        | 93    |
| Wet Bulb    | 2525717 | 48185 | 51.8 | 5.603          | 930      |       |        |          |              |             | 1      | 93    |
| Dew Point   | 2271883 | 45641 | 49.1 | 5.868          | 930      |       |        |          |              | 1           |        | 93    |

0.26-5 (OL

DATA PROCESSING DIVISION USAF ETAC AIR SEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

26102 FUICT SMITH NWT DUT APT

57-66

SEP

PAGE 1

0000-0200 HOURS (L. S. T.)

| Temp.       |      |       |       |       |       |        | BULB       |          |              |         |         |         |         |         |            |          | TOTAL        |          | TOTAL       |           |
|-------------|------|-------|-------|-------|-------|--------|------------|----------|--------------|---------|---------|---------|---------|---------|------------|----------|--------------|----------|-------------|-----------|
| (F)         | 0    | 1 - 2 | 3 - 4 | 5 · 6 | 7 - 8 | 9 - 10 | 11 - 12    | 13 - 14  | 15 - 16      | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 29 | - 30 ≥   | 31 D.B./W.B. | Dry Bulb | Wet Bulb    | Dew Po    |
| 60/ 59      | 1    | :     |       |       |       | :<br>I |            |          | ]            |         |         | ļ       |         | , ,     |            | }        | 3            | 3        |             |           |
| 58 / 57     | 1    | • 3   |       | _ • 1 |       |        |            |          | <u></u>      |         |         |         |         |         |            |          | 7            |          |             |           |
| 56/ 55      | 1    | . 8   |       |       |       |        | 1          |          |              |         |         |         |         |         |            |          | 22           |          | 8           |           |
| 54/ 53      | • 2  | • 9   | . 8   | . 2   |       |        |            |          |              | 1       | 1       | ĺ       |         | i       | 1          | ĺ        | 22           |          |             |           |
| 52/ 51      | . 4  | 2.7   | 1.3   | • 2   |       |        | 1          |          |              |         |         |         |         |         |            | 1        | 42           |          |             |           |
| 50/ 49      | • 4  | 2.7   | 1.1   | .     |       | Ì      |            |          | i            |         | 1       | 1       |         | 1 1     | 1          | !        | 38           |          |             | _         |
| 48/ 47      | • 2  | 5.3   | _     | - 6   |       |        | i          |          | i            | į į     |         |         |         |         |            |          | 69           |          |             |           |
| 46/ 45      | 1.6  | 6.9   |       | . 3   |       | l      | į.         |          | i            |         | i       |         |         |         |            |          | 98           |          |             | 1         |
| 44/ 43      | 2.0  | 6.7   |       |       |       |        | 1          |          |              |         |         |         |         |         |            |          | 91           | _        | 96          |           |
| 42/ 41      | 1.6  | 5.9   |       |       |       |        |            | ļ        |              |         |         |         |         |         |            |          | 75           |          |             |           |
| 40/ 39      | 1.4  | 6.9   |       | . 3   |       |        |            |          |              |         |         |         |         |         |            |          | 93           | _        | 1           |           |
| 38/ 37      | 1.8  | 4.0   | 1.4   | . 6   | •     |        | ]          | }        | ļ            | ,       |         |         |         |         |            | 1        | 70           |          |             |           |
| 30/ 35      | 1.3  | 5.0   | 1.4   |       |       |        |            |          |              |         |         |         |         |         |            |          | 70           | 70       | 77          | 6         |
| 34/ 33      | 2.7  | 3.6   | . 8   |       | ļ     |        |            |          | 1            | i       |         |         |         | i       |            | 1        | 63           | 63       |             |           |
| 32/ 31      | 1.8  | 2.9   | • 1   |       |       |        |            |          |              |         |         |         |         |         |            |          | 43           | 43       | 66          | 7         |
| 30/ 29,     | 1.3  | 1.9   | . 3   |       |       |        |            | ĺ        |              |         |         |         |         | i 1     |            |          | 32           | 32       | 38          |           |
| 28/ 27      | 1.4  | 1.6   |       |       |       |        |            |          |              |         |         |         |         |         |            |          | 27           | 27       | 32          | 3         |
| 26/ 25      | . 7  | 1.0   |       | i '   | ĺ     |        |            | İ        |              |         |         |         |         | i       | İ          | i        | 15           | 15       | 19          | 3         |
| 24/ 23      | . 3  | . 3   |       |       |       |        |            |          |              |         |         |         |         |         |            |          | 6            | 6        | 9           | 1         |
| 22/ 21      | . 2  | • 1   |       |       | ĺ     | i<br>I |            | į        |              |         | ł       | ĺ       |         | i i     |            |          | 3            | 3        | 3           | 1         |
| 20/ 19      |      | . 1   |       |       |       |        |            |          |              |         |         | -,-     |         |         | -          |          | 1            | ī        | 1           | i         |
| 18/ 17      | . 1  | • 1   |       |       |       |        |            |          | i            |         |         | į       |         |         | i          | ļ        | 2            | 2        | 3           | į         |
| 16/ 15      | . 2  | . 4   | - :   |       |       |        | 1          |          |              |         |         |         |         |         |            |          | 6            | 6        | 3           |           |
| 14/ 13      | • 1  | • 1   | . :   |       | ĺ     | ļ      | 1          |          |              |         |         | - 1     |         | [ [     | í          | - 1      | 2            | 2        | 5           |           |
| 12/ 11:     |      |       |       |       | i     | •      | :          |          |              |         |         |         |         |         |            |          |              | 1        |             | † · · · · |
| 10/ 9       | 1    | į     |       |       | ĺ     | ĺ      | 4          | ĺ        | í            |         |         | i       |         | 1 1     |            | - 1      |              |          | i           |           |
| 8/ 7        |      |       |       |       | ·     |        |            |          | -            |         |         | -       |         |         |            |          |              |          | <del></del> |           |
| UTAL        | 20.2 | 0.1   | 16.4  | 2.8   | .4    | ł      |            | I        | ł            | 1       | 1       | l       |         |         | - 1        |          | )            | 900      | !           | 90        |
|             | +    |       |       |       |       |        |            |          |              |         |         |         |         |         |            |          | 900          |          | 900         |           |
| 1           |      | ļ     |       | i     | l     |        | 1          | 1        | ļ            | }       |         | ļ       |         |         | i          | - 1      | j            | į        | ,           | ļ         |
| - :         |      |       | 4     |       |       |        |            |          | t            |         |         |         |         |         |            | _ †-     |              | ·        | <u> </u>    |           |
| İ           |      |       |       |       | į     |        |            | ļ        |              |         |         |         |         | , ;     | .          | i        |              |          | 1           |           |
| - 1         |      |       |       | ·     | ·     |        |            |          | <del> </del> |         |         |         |         |         |            |          |              | i —      | ·           | 1 -       |
| j           | ļ    |       | 1     | 1     | :     |        | i          |          |              | 1       |         |         |         | 1 1     |            |          |              |          |             | İ         |
| Element (X) |      | E X 2 |       |       | Z X   |        | <u>x</u> . | <b>₹</b> | $\top \top$  | No. Ob  | 5.      |         |         |         | Mean No.   | of Hours | with Tempera | ture     |             |           |
| Rel. Hum.   |      |       | 9337  |       | 790   | 17     | 87.8       | 8.9      | 50           | 9       | 00      | z 0 I   |         | : 32 F  | ≥ 67 F     | · 73     | <del></del>  | e 93     | F           | Total     |
| Dry Bulb    |      | 154   | 1054  |       | 365   | 48     | 40.6       |          |              | 9       | 00      |         |         | 13.7    |            | 1        |              | 1        |             | 9         |
| Wet Bulb    |      | 142   | 6020  | ļ     | 351   | 68     | 39.1       | 7.5      | 92           | 9       | 00      |         |         | 17.9    |            | 1        |              | 1        |             | 4         |
| Dew Point   |      |       | 8402  | ·     | 334   |        | 37.1       | 8.0      |              | 9       | 00      |         |         | 25.9    |            | +        |              |          | -+-         | 9         |

USAFETAC FORM 0.26-5 (OLA) REVISEO MEVICOS EDITIONS OF THIS HANN ARE OLD LETTE

26102 FORT SMITH NWT DUT APT 57-66

SEP

MONTH

PAGE 1 0300-0300

HOURS SET 1

|                       |      |       |          |            |       |        |              |         |         |               |         |         |         |              |           |          |         | ,                                                |           | HOUPS          | . S. T.: |
|-----------------------|------|-------|----------|------------|-------|--------|--------------|---------|---------|---------------|---------|---------|---------|--------------|-----------|----------|---------|--------------------------------------------------|-----------|----------------|----------|
| Temp.                 | ·    |       |          |            |       |        |              |         |         | DEPRE         |         |         |         |              |           |          |         | TOTAL                                            |           | TOTAL          | _        |
| (F1                   | 0    | 1 - 2 | 3 - 4    | 5 - 6      | 7 - 8 | 9 - 10 | 11 - 12      | 13 - 14 | 15 - 16 | 17 - 18       | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26      | 27 - 28 2 | 9 - 30   | ≥ 31    | D.B. W.B.                                        | ry Bulb 1 | Vet Bulb [     | Dew Poi  |
| 60/ 59<br>58/ 57      |      | :     |          | İ          | İ     |        |              |         |         |               |         |         |         |              |           |          |         | 3                                                | 3         | 1              |          |
| 56/ 55                |      | -1    |          |            |       |        |              |         |         |               |         |         |         |              |           |          |         | اخ                                               | 2         | <del>- 6</del> |          |
| 54/ 53                |      | 1.3   | : 1      | . 2        | • 1   |        | ]            |         |         | ]             |         |         |         | ]            | ĺ         |          |         | 23                                               | 23        | 2              | (        |
| 32/ 31                | • 6  |       |          | . Z        | . 4   |        |              |         |         |               |         |         |         |              |           |          |         | 34                                               | 34        | 24             | 10       |
| 50/ 49<br>48/ 47      |      |       | . 6      | - 1        |       |        |              |         |         |               |         |         |         |              |           |          |         | 54                                               | 47        | 33<br>57       | 2        |
| 46/ 45                | 1.7  | 1     | 1.0      |            |       |        |              |         |         | l i           |         |         |         |              |           |          |         | 67                                               | 67        | 62             | 3        |
| 44/ 43                | 2.6  | 4     | 1 7 1    | -1         |       |        |              |         |         | -             |         |         |         |              |           | _        |         | 127                                              | 127       | 89             | 7        |
| 42/ 41                | 2.8  |       | .9       |            |       |        | i            |         |         | 1 1           |         | Į l     |         | 1            | İ         |          |         | 72                                               | 72        | 114            | 10       |
| 40/ 39                | 1.4  | 5.8   | • 7      |            |       |        |              |         |         |               |         |         |         |              |           |          |         | 71                                               | 71        | 67             | 7        |
| 38/ 37                | 1.8  | 4.0   | • 6      | <u>• 2</u> |       |        |              |         |         |               |         |         |         |              | $\perp$   |          |         | 61                                               | 61        | 78             | 7        |
| 36 / 35<br>34 / 33    | 2.0  | _     | ! -      | -1         |       |        |              | 1       |         |               |         |         |         |              | 1         |          |         | 72                                               | 86<br>72  | 54<br>89       | 7        |
| 32/ 31                | 2.9  | 2.9   |          |            |       |        | 1            |         |         | <b>├</b>      |         |         |         |              |           |          |         | 53                                               | 53        | 78             | 6        |
| 30/ 29                | 2.3  | 3.7   | ž        |            |       |        |              |         |         |               |         |         |         |              |           | - (      |         | 56                                               | 56        | 55             | 7        |
| 28/ 27                | 1.3  |       |          |            |       |        |              |         |         |               |         | -       |         |              | -+        | $\neg +$ |         | 27                                               | 27        | 47             | 4        |
| 26/ 25                | . 3  |       | <u> </u> |            |       |        | <u> </u>     |         |         | <u> </u>      |         | L       |         |              |           | _        |         | 13                                               | 13        | 16             | 31       |
| 24/ 23                | . 3  | i .   | 1        |            |       |        |              | T       |         |               |         |         |         |              |           |          |         | 10                                               | 10        | 11             | 2        |
| 22/ 21<br>20/ 19      | . 3  | .6    | ! !      |            |       |        | ļļ           |         |         | <del> </del>  |         |         |         |              |           |          |         | 8                                                | 8         | 9              | 1        |
| 18/ 17                | 1    | . 1   |          |            |       |        |              |         |         |               |         |         |         |              |           | [        |         | 1 ,                                              | ,         | •              |          |
| 16/ 13                |      |       | 1 1      |            |       |        |              |         |         |               |         |         |         | <del> </del> |           |          |         | 3                                                | 3         | 2              |          |
| 14/ 13                | . 3  | ı     | ; !      | ļ          |       |        |              | i       |         | 1             |         |         |         | Į Į          | į         |          |         | 3                                                | 3         | 5              |          |
| 12/ 11                |      | • 1   |          | i          |       |        |              |         |         |               |         |         |         |              |           |          |         | 2                                                | 2         | 2              |          |
| 10/ 9<br>8/ 7         |      | i     |          |            |       |        | i            |         |         | 1             |         |         |         |              |           |          |         | 2                                                | 2         |                |          |
| 6/ 5                  |      |       | · [      |            | -     |        |              | Í       |         |               |         |         |         |              | 1         | 1        |         |                                                  | 1         | -              |          |
|                       | 25.6 | 51.1  | 11.8     | 1.0        | . 6   |        | <del> </del> |         |         | <del>  </del> |         |         |         |              |           |          |         | <del>                                     </del> | 900       | +              | 900      |
|                       |      |       | ļ i      |            |       |        |              |         |         |               |         |         |         |              |           |          |         | 900                                              |           | 900            |          |
|                       |      |       | 1        |            |       |        | 1 1          | }       |         |               |         |         |         |              | I         | - 1      |         |                                                  | )         | Ţ              |          |
|                       | ļ    | 1     |          |            |       |        | <del> </del> |         |         |               |         |         |         |              |           |          |         | <del> </del>                                     | !         |                |          |
|                       | i    |       |          | ĺ          | 1     |        |              |         |         |               |         |         |         |              |           | 1        |         |                                                  |           | 1              |          |
| Element (X)           | T    | Σχ'   |          | 2          | z x   |        | X            | *,      |         | No. Ob        |         |         |         |              | Mean No   | . of Hou | urs wit | h Temperatu                                      | re        |                |          |
| Rel. Hum.             | ļ    |       | 6400     |            | 8040  |        | 89.3         |         |         |               | 00      | ± 0 1   |         | 32 F         | ≥ 67 F    |          | 73 F    | - 80 F                                           | ≥ 93 F    |                | otal     |
| Dry Bulb              |      |       | 6134     |            | 353°  |        | 39,3         |         | _=1     |               | 00      |         |         | 17.8<br>22.4 |           | +        |         | <del> </del>                                     | ļ         | -+             | 9        |
| Wet Bulb<br>Dew Point |      | _     | 9983     |            | 327   | -1     | 36.3         |         |         |               | 00      |         |         | 29.4         |           |          |         |                                                  | <u> </u>  |                | 9        |
| Jew Point             | 1    | •     |          |            |       | '      |              |         |         |               | ~ ~     |         |         | . 767        |           |          |         | <u> </u>                                         |           |                |          |

USAFETAC FORM 0.26-5 (OLA) REVISED MENIOUS EDITIONS OF THIS FORM ARE OLD GET IN

USAFETAC FORM 0.26-5 (OL.A) RESIDEMENDUS EDITORS OF THIS PCAN ARE OLD LEFT

DATA PROCESSING DIVISION USAR ETAG AIR GEATTER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

| Temp.      |                                         |                |                                       |             |                                                   |                    | E DEPRESSION         |                | <del></del>    |                                                  | <del></del> - | TOTAL        |                | HOURS          |                                         |
|------------|-----------------------------------------|----------------|---------------------------------------|-------------|---------------------------------------------------|--------------------|----------------------|----------------|----------------|--------------------------------------------------|---------------|--------------|----------------|----------------|-----------------------------------------|
| (F)        | 0 1                                     | . 2 3 . 4      | 5 - 6                                 | 7 - 8 9 - 1 | 0 11 - 12                                         | 13 - 14 15 - 1     | 6 17 - 18 19 - :     | 20 21 - 22 2   | 3 - 24 25 - 26 | 27 - 28 29                                       | - 30 - 31     |              | Dry Bulb W     | Vet Bulb C     | Dew Pa                                  |
| 2/ 61      |                                         | • 2            |                                       |             | 1                                                 |                    |                      | -1:            |                | <u> </u>                                         | - <del></del> | 2            | 2              |                |                                         |
| 0/ 59      |                                         | . 2            |                                       | i           |                                                   | i                  | i ı                  |                |                |                                                  |               | . 2          | 2              |                |                                         |
| 587 57     |                                         | • 1            |                                       |             |                                                   |                    |                      | +              |                | 1                                                |               | 1            | 1              | 2              |                                         |
| 56/ 55     |                                         | .6 .l          |                                       | 1           |                                                   | i                  | i i                  |                | i              |                                                  |               | 6            | 6              | 2              |                                         |
| 54/ 53     |                                         | . <b>9</b> . 8 | · _ · Ł.                              |             | + +                                               |                    |                      | i              | · · ·          | † T                                              |               | 15           | 15             | 7              |                                         |
| 52/ 51     | .6                                      | 3.2 1.2        | . 1                                   | . 4         |                                                   | 1                  |                      |                |                |                                                  |               | 50           | 50             | 24:            | 1                                       |
| 507 49     | .4                                      | 3.4 .7         | . 2                                   | <del></del> |                                                   | · <del>i</del>     | ·                    |                |                |                                                  |               | 43           | 43             | 44             | 2                                       |
| 48/ 47     |                                         | 4.9 .7         | ,                                     | i           | - i                                               | j                  |                      |                | ļ              |                                                  |               | 55           | 55             | 49             | 4                                       |
| 46/ 45     | 2.7                                     | 5.0 1.6        | +                                     |             |                                                   |                    |                      | +-+            |                | +                                                |               | E3           | 83             | 76             | 7                                       |
| 44/ 43     | 3.7                                     | 6.0 1.6        | • l                                   |             |                                                   |                    |                      |                | j              |                                                  | ļ             | 102          | 102            | 93             | 7                                       |
| 427 41     | 2.9                                     | 4.2 1.1        | +                                     |             | <del></del>                                       |                    | <del> </del>         | <del></del>    |                | <del>                                     </del> | _             | 74           | 74             | 84             | . 8                                     |
| 40/ 39     | 2.4                                     | 6.6 1.3        |                                       |             | 1                                                 |                    | 1 1                  |                |                |                                                  | i             | 93           | 93             | 86             | 6                                       |
| 38/ 37     | 3.0                                     | 4.6 1.6        | . 2                                   |             |                                                   |                    | · <del>  -   -</del> |                |                | +-+-                                             |               | 84           | 84             | 91             | <del>-</del> 8                          |
| 36/ 35     | 1.8                                     | 4.0 1.0        | . 2                                   |             | ų (                                               | [                  |                      |                |                |                                                  | 1             | 6.3          | 63             | 68             | 10                                      |
| 347 33     | 2.6                                     |                | -1                                    |             | -+                                                | <del>-</del> † · · | <del></del>          | ++             |                | +                                                |               | 79           | 79             | 74             | ··· • • • • • • • • • • • • • • • • • • |
| 32/ 31     | 2.0                                     | 2.9 .1         | i                                     |             | i l                                               |                    | 1 1                  | 1 1            | i              |                                                  |               | 4 5          | 45             | 78             | 6                                       |
| 307 Z9     | 1.6                                     | 2.9 .1         |                                       | - +         |                                                   |                    | +                    | <del></del>    |                | <del> </del> -                                   |               | 41           | 41             | 44             | <b>6</b>                                |
| 28/ 27     | 1.2                                     | 1.6 .2         | ļ                                     |             | 1 1                                               |                    |                      |                |                |                                                  |               | 27           | 27             | 31             | 4                                       |
| 26/ 25     |                                         | . 7            | 1                                     |             |                                                   |                    |                      | +-+            |                |                                                  |               | 10           | Ic             | 18             | 3                                       |
| 24/ 23     |                                         | .6             | j                                     |             |                                                   |                    |                      |                |                |                                                  |               | 5            | 5              | 5              | 1                                       |
| 22/ 21     | 3                                       | .6 .2          | ļ                                     |             | - <del>-</del>                                    |                    | 1                    | <del> </del>   |                | +                                                |               | 10           | 10             | 10             | <u>T</u>                                |
| 20/ 19     | • 1                                     | . 1            | 1                                     |             |                                                   | ļ                  | 1 1                  |                | 1              |                                                  |               | 2            | 2              | 5              |                                         |
| 17 17      |                                         | . Z            |                                       |             |                                                   |                    | +                    | +              |                | ++                                               | -             | 2            | 2              | 2              |                                         |
| 16/ 15     | • 1                                     | ,              | ļ                                     | }           | 1 1                                               | Į                  | 1 1                  |                | }              |                                                  |               | 1            | 1              | 2              |                                         |
| 4/ 13      |                                         | . 1            | ·                                     | + -·        |                                                   |                    | ++-                  | <del> </del> - |                | +                                                |               | 4            | 4              | 3              |                                         |
| 12/ 11     |                                         |                | i                                     |             | 1 1                                               | İ                  |                      |                | Ì              |                                                  |               | 1            | 1              | 2              |                                         |
| 107 3      |                                         |                |                                       |             | -!+                                               |                    | +                    | +-+            | - + -          | ++-                                              |               | <del> </del> | <del></del> }- |                |                                         |
| 6/ 5       |                                         | į              |                                       |             |                                                   |                    | 1                    |                |                |                                                  |               | 1            | 1              | 1              |                                         |
| JTAL       |                                         | 7.714.4        | 9                                     | .4          |                                                   |                    | ++                   | ++             |                | <del>                                     </del> | _+            | <del> </del> | 900            |                | 90                                      |
|            |                                         | . =            | - 1                                   |             |                                                   |                    |                      |                |                |                                                  |               | 900          |                | 900            | - "                                     |
|            | • • • • • • • • • • • • • • • • • • • • |                |                                       |             |                                                   |                    | +                    |                |                | +                                                |               | <del> </del> | +              |                |                                         |
|            |                                         |                |                                       |             |                                                   | i                  | 1                    |                |                |                                                  |               |              | į              |                |                                         |
|            | 1 . 1.                                  |                | · · · · · · · · · · · · · · · · · · · |             |                                                   |                    | <del> </del>         | ++             |                | +                                                |               | ++           |                |                |                                         |
|            | 1                                       |                |                                       | -           | ) )                                               | )                  | ]                    |                |                |                                                  |               |              |                | İ              |                                         |
| lement (X) | Σ,                                      | <del></del>    | <u>Z</u>                              | ×           | <del>                                      </del> | σ <sub>8</sub>     | No. Obs.             | <del></del>    |                | Mean No.                                         | of Hours wit  | th Temperatu | ,re            |                |                                         |
| lel. Hum.  |                                         | 7203496        |                                       | 80150       | 89.1                                              | 8.548              | 900                  | ± 0 F          | : 32 F         | ≥ 67 F                                           | ≥ 73 F        | + 80 F       | 2 93 F         | т.             | atal                                    |
| Dry Buib   |                                         | 1483528        |                                       | 35872       |                                                   | 7.732              | 900                  | +              | 14.8           |                                                  | <u> </u>      | +            | 1-75           | <del>  '</del> | 9                                       |
| Vet Bulb   |                                         | 1386915        |                                       | 34675       | 38.5                                              |                    | 900                  | <del> </del>   | 20.0           |                                                  | <del> </del>  | <del> </del> | <del> </del>   |                | 9                                       |
| Dew Paint  |                                         | 1276390        |                                       | 33104       |                                                   | 8.084              | 900                  | <del></del>    | 26.            |                                                  | <del> </del>  | <del> </del> | <del> </del>   | -+             | 9                                       |
|            | <del></del>                             |                |                                       |             |                                                   |                    |                      |                |                | 1                                                | <del></del>   |              | Ь              |                |                                         |

| \$102<br>\$102   | FOR      | T 5      | HITH  |          |         |        |               |                |            | 57-66       | <u>-</u>     |           |               |                |         |              |                                                  |          | \$E               |          |
|------------------|----------|----------|-------|----------|---------|--------|---------------|----------------|------------|-------------|--------------|-----------|---------------|----------------|---------|--------------|--------------------------------------------------|----------|-------------------|----------|
| 5*4* 3*          |          |          |       | 51       | ATION N | AME    |               |                |            |             |              |           | <b>V</b>      | EARS           |         |              | PAGE                                             | 1        | 0900€<br>HOURS IC | 1100     |
| Temp.            |          |          |       |          |         |        |               |                |            | EPRESSIO    |              |           |               |                |         |              | TOTAL                                            |          | TOTAL             |          |
| (F)              | 0 1      | 1 - 2    | 3 - 4 | 5 - 6    | 7 - 8   | 9 - 10 |               |                | 5 - 16 17  | 7 - 18 19 - | 20 21 - 2    | 2 23 - 2  | 24 25 - 26    | 27 - 28        | 29 - 30 | 2 31         | D.B. W.B.                                        | Dry Bulb | Wet Bulb [        | Dew Poir |
| 741 73           |          |          |       |          |         |        | • 2           |                | į          |             |              | 1         | İ             | 1              |         | !            | 2                                                | 2        |                   |          |
| 72/ 71           |          |          |       |          |         | .1     |               |                | <u>i</u> _ | !           |              | . <u></u> |               | <u>i</u>       |         | <u> </u>     | 1,                                               | 1        |                   |          |
| 70/ 69           |          |          |       |          | • 2     | . 2    |               |                | 1          |             |              | ì         |               | ļ i            |         | İ            | 4:                                               | 4        |                   |          |
| 58/ 67           |          |          |       |          | . 3     |        | • 1           | • 1            | :          |             |              | -i        |               | i              |         | 1            | 5!                                               |          |                   |          |
| 56/63            |          |          |       | • 4      |         |        | į i           | !              |            | ļ           |              |           |               | 1 :            |         | 1            | 4                                                | 4        |                   |          |
| 64/ 63<br>62/ 61 |          | <b>.</b> |       |          | 3       | .4     |               |                |            |             | 1            |           |               | i i            |         |              | 11                                               | 11       | <del>1</del> ;    |          |
| 60/ <b>5</b> 9   |          |          | • 2   | .6<br>.8 | 1.3     |        |               | -              | i          | 1           | 1            |           | 1             | 1 1            |         | 1            | 20<br>29                                         | 20<br>29 | 9                 |          |
| 58/ <b>57</b>    |          | • 1      | ia .  | 1 2      |         | - 3    |               |                |            |             | <del>-</del> | +         | -             | <del>i</del> + |         | <del></del>  | 34                                               | 34       | <del></del>       |          |
| 56/ 55:          |          | . 4      | 1.5   | 1.7      | 1.0     | . 3    |               | 1              |            |             | 1            | İ         |               |                |         |              | 47                                               | 47       | 27                | 1        |
| 54/ 53           | • [      | 1.0      | 1.8   | 1.4      | .,7     | .3     |               |                | i · ·      |             | -+           | +         | <del></del>   | +              |         | <del></del>  | 4 R                                              | 48       | 39                | 1        |
| 52/ 51           |          | 2. Ť     |       | 2.4      | 8       | • 1    |               |                |            | Ì           | +            |           | !             | . 1            |         |              | 77                                               | 77       | 53.               | 3;       |
| 507 49           | . 8      | 3.2      | 3.0   | 1.3      | - 8     | . 3    |               | i              |            |             | +            | -         |               | <del> </del>   |         | <del>-</del> | 88                                               | 88       | - 77              | 4        |
| 48/ 47           | . 4      | 3.4      | 2.8   | 1.6      | . 6     | .1     |               |                |            |             |              |           | I             | 1              |         |              | 80                                               | Bo       | 81                | 6        |
| 45/ 45           | 1.3      | 4.0      | 3.4   | 1.8      | . 4     |        | <del> ;</del> |                |            | :           |              | +         |               | <del>+</del> † |         | •            | 99                                               | 90       | 104               | - 9      |
| 44/ 43           | 1.4      | 2.8      | 2.4   | 1.4      | . 2     |        |               | 1              | 1          | 1           | i            |           | į             | 1              |         | i            | 75                                               | 75       | 98                | 7        |
| 42/ 41           | . 8      | 3.4      | 2.7   | 1.4      |         |        | L             | <del>[</del> - | <u>-</u> - |             | +-           | -         |               | <del>  </del>  |         | +            | 75                                               | 75       | 95                | 90       |
| 40/ 39           | . 2      | 2.2      | 2.2   | . 8      |         |        |               |                |            |             |              | 1         |               | 1              |         | i            | 49                                               | 49       | 69                | 78       |
| 38/ 37           |          | 2.2      | 1.8   | . 4      |         |        |               | · • ·          |            | - +         |              | 1         | - <del></del> | 1 1            |         | †            | 50                                               | 50       | 75                | 9        |
| 36/ 35           | . 9      | 1.4      | 1 . 4 | . 7      |         |        |               |                |            | 1           |              | İ         | i             |                |         |              | 40                                               | 40,      | 65                | 58       |
| 34/ 33           |          | 1.0      | _ ਨ   | - 1      |         |        |               | ,              | 7          |             |              |           |               |                |         | ]            | 19                                               | 19       | 21                | 30       |
| 32/ 31           | • 1      | 1.2      | . 4   | :        |         |        | 1             |                |            |             |              | i         |               | 1i             |         |              | 16                                               | 16       | 34                | 4 :      |
| 30/ 29           |          | . 4      | . 3   | ĺ        |         |        | i             |                |            |             |              |           |               |                |         |              | 7                                                | 7        | 16                |          |
| 28/ 27           | • 1      | . 6      | . 5   |          |         |        | L !           | ·              |            |             |              |           |               | <u> </u>       |         | 1            | 11                                               | 11       | 6                 | 3(       |
| 26/ 23           | 1        | . 3      | . 2   | }        |         |        | <sup>1</sup>  |                |            | İ           |              |           | i             | 1 i            |         |              | 2                                                | 5        | 11.               | 7        |
| 24/ 23           |          | . 4      |       |          |         |        | <u> </u>      | · · · · · ·    |            |             |              |           | $\perp$       | 1              |         |              | 1                                                | 4        | 6                 | 16       |
| 22/ 21           |          |          |       |          | :       |        | ļ .           | 1              |            | 1           |              |           |               |                |         | ļ            |                                                  |          | וכ                | 4        |
| 20/ 19<br>187 17 | ·        | -        |       | r        |         |        |               |                |            |             |              | +         | +             | l l            |         | ļ            | 1                                                |          |                   |          |
| 16/ 15           |          | i        | i     | j        |         |        |               |                |            |             |              |           | 1             |                |         |              |                                                  |          | i                 | 4        |
| 107 3            |          |          | 4     |          |         |        | <u> </u>      | <u>†</u> -     |            | +           |              |           |               | $\vdash$       |         | +            | <del>                                     </del> |          | <del> </del>      | 7        |
| UTAL :           | 7.43     | 1.3      | 30.8  | 18.7     | 8.2     | 2.9    | .6            | 1              |            |             |              |           |               | 1 1            |         |              |                                                  | 900      |                   | 900      |
|                  | 1 2 7 71 | •        |       |          |         |        |               |                |            |             |              | +         | +             |                |         |              | 900                                              | 200      | 900               | 300      |
| lement (X)       | Σ        | x²       |       |          | Σχ      | J      | Ī             |                | J   N      | lo. Obs.    | <del></del>  |           |               | Mean N         | o. of H | ours wit     | h Temperati                                      | Jre !    |                   |          |
| el. Hum.         |          |          | 5779  |          | 691     |        | 76.9          | 13.26          |            | 900         | 1 (          | F         | 1 32 F        | € 67           |         | 73 F         | ≥ 80 F                                           | ≥ 93 F   | T                 | otal     |
| or, Bulb         |          | 202      | -,    |          | 420     |        | 46.7          |                |            | 900         | 1            |           | 4.3           |                | . 2     | . 2          |                                                  | 1        |                   | 9(       |
| Wet Bulb         |          |          | 5332  |          | 388     |        | 43.2          | 7.43           |            | 900         |              |           | 7,8           |                | 1       |              |                                                  |          |                   | 9(       |
| Dew Point        |          | 1450     | 5992  |          | 354     | 62     | 39.4          | 8.15           | 0          | 900         |              |           | 17.0          | 1              |         |              |                                                  | T        |                   | 90       |

USAFETAC FORM 0.26.5 (O.L.A). BESSER MENSON FORM OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P

DATA PROCESSING DIVISION USAF ETAC AIR SEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102   | FORT SMITH NWT DOT APT 57-66                                                           |           |          | SEP                           |
|---------|----------------------------------------------------------------------------------------|-----------|----------|-------------------------------|
| STATE W | STATION NAME YEARS                                                                     | PAGE      | 1        | 1200-1400<br>HOURS (L. S. T.) |
| Temp.   | WET BULB TEMPERATURE DEPRESSION (F)                                                    | TOTAL     |          | TOTAL                         |
| (F)     | 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31 | D.G. W.B. | Dry Bulb | Wet Bulb Dew Point            |

| Temp    | i. '  |     |     |       |          |       |               |     | _     |          |        |        | ULB |              |                |          |             |     |        |            |      |          |        |      |          |      |        |       | _               |         | TOTA     |      |          | TOTA                                             |     |        |
|---------|-------|-----|-----|-------|----------|-------|---------------|-----|-------|----------|--------|--------|-----|--------------|----------------|----------|-------------|-----|--------|------------|------|----------|--------|------|----------|------|--------|-------|-----------------|---------|----------|------|----------|--------------------------------------------------|-----|--------|
| :F)     |       | 0   | 1   | - 2   | 3        | - 4   | 5 .           | - 6 | 7 - 8 | 8        |        |        |     |              |                |          |             |     |        |            | . 22 | 23 -     | 24     | 25 - | 26       | 27 - | 28     | 29 -  | 30              | ≥ 31    | D.B. W   | ٧.В. | Dry Bulb |                                                  |     | w Poin |
| 80/     | 79    |     | •   |       |          |       | •             |     |       | T        |        |        |     | T            |                |          | . 1         |     | . 1    |            |      | Τ-       |        |      |          |      | T      |       |                 |         | 1        | 2    | 2        |                                                  | - ; |        |
| 78/     | 77    |     |     |       |          |       | !             | į   |       |          |        | 1      |     |              | . 2            |          |             |     | • 1    |            |      | ]        |        |      | i        |      |        |       | - 1             |         |          | 3    | 3        | i                                                | 1   |        |
| 76/     | 73    |     |     |       | •        |       |               |     |       | 1        |        | 1      |     | 1            | . 1            | -        | $\neg$      |     | . 2    | 1          |      |          |        |      | 7        | _    | 1      |       |                 |         |          | 3    | 3        | 1                                                |     |        |
| 741     | 73    |     |     |       |          |       |               |     |       |          |        |        | . 2 | 1            |                |          | . 2         |     |        |            |      |          |        |      | - 1      |      | 1      |       |                 |         |          | 4    | . 4      | ,                                                | i   |        |
| 72/     | 71    |     |     |       | • -      |       |               |     |       |          | •      | 8      | •1  | 1            | .1             |          | . 2         |     |        | <br>       |      |          | -      |      |          |      | - †    |       | -1              |         | <b>†</b> | П    | 11       | <del>                                     </del> | 1   |        |
| 70/     | 69    |     |     |       |          |       |               | . 1 |       | . 4      |        | 3      | . 4 |              | . 6            |          | . 2         |     | İ      |            |      |          |        |      | İ        |      | ı      |       | ļ               |         |          | 19   | 19       |                                                  | 1   |        |
| 687     | 67    |     | _   |       | •        |       | •—•           | . 2 | -     | . 1      | •      | Z      | 1.0 | <del> </del> | . 7            |          | .3          |     |        | -+-        |      | _        | _      |      | i        | -    | -      |       |                 |         |          | 20   | 20       | 1                                                |     |        |
| 66/     | 65!   |     |     |       |          |       |               | -   |       | 4        |        | 7      | 1.2 |              | .7             |          |             |     |        | i          |      |          |        |      | -        |      |        |       | 1               |         | 1 :      | 27   | 27       |                                                  | i   |        |
| 64/     | 63    |     | -   |       |          |       |               | . 2 | 1.    | . 3      | 1,     | 7      | . 9 | -            | . 4            | -        | 一           |     | 十      |            |      |          |        |      | _        | _    | _      |       | _               |         | 1        | 41   | 41       | <b>†</b>                                         | 8   | _      |
| 62/     | 61    |     |     |       |          | . 3   |               | . Z | 1.    | , 6      | 1.     | 4      | . 7 | 1            |                |          | . 1         |     | - 1    | -          |      |          |        |      |          |      | ĺ      |       |                 |         |          | 39   | 39       | 1                                                | 5   |        |
| 607     | 59    |     |     | •1    |          | .0    | _             | . 3 | i.    | . 4      | Ţ.     | L      | • 7 | -            | • 2            | $\vdash$ | 7           |     | $\top$ | <br>+-     |      |          | $\neg$ |      | 7        |      | _      |       | _               |         | 1        | 44   | 44       | ·                                                | 9   | 3      |
| 58/     | 57    |     |     | . 3   | 1        | .0    | 1             | . 2 | 2.    | . 3      | 1.     | 8      | 1.0 |              |                |          |             |     |        |            |      | 1        |        |      | ı        |      | J      |       |                 |         |          | 69   | 69       | 2                                                | 4   | 6      |
| 567     | 55    |     |     | • 3   | † -      | . 8   | 2             | • 0 | 1.    | , 6      | 1.     | Z      | •1  |              |                | $\vdash$ |             |     |        | <br>+      | -    | _        | _      | _    | 寸        | _    | _      |       |                 |         |          | 54   | 54       | 5                                                | 3   | 19     |
| 54/     | 53    |     | . 1 | • 1   | . 1      | . 3   | 2             | . 2 | ĩ.    | . 7      | •      | 8      | . 3 |              |                |          |             |     |        |            |      |          |        |      | l        |      |        |       | İ               |         | 1        | 67   | 67       | 6                                                | 5   | 17     |
| 327     |       | • 1 |     | . 8   | 1 7      | . 6   | 2             | . 4 | Ť.    |          | •      | 4      |     | 1            |                |          |             |     | $\top$ |            |      | $\vdash$ |        | -    | $\dashv$ | _    | -1     |       | 7               |         | _        | 79   | 79       | 8                                                | 0   | 29     |
| 50/     |       | • 3 | 1   | l e d | ١,       | 2.3   | 2             | . 1 | 1.    | , 4      |        | 8      | . 3 | Ŋ            |                | 1        |             |     |        | 1          |      |          |        |      |          |      |        |       | i               |         |          | 82   | 82       | 8                                                | 1   | 43     |
| 481     | 47    | • ] | 1   | . 7   | † 7      | 7.7   | 1             | . 3 | 1.    | Z        | •      | 3      |     | 1            |                |          |             |     | 十      | <br>7      |      |          | _      |      |          |      |        |       |                 |         | 1        | 66   | 66       | 10                                               | 7   | 65     |
| 46/     | 45    | • 6 | 1   | . 4   | 1 2      | 2 • 1 | 1             | . 3 | 1.    | Ô        | •      |        |     |              |                |          |             |     | 1      |            |      | ĺ        |        |      | [        |      |        |       |                 |         |          | 65   | 65       |                                                  | 4   | 102    |
| 44/     |       | • 1 | - 1 | . 0   | 1        | . 00  | 1             | . 3 | 1.    | . 2      |        | +      |     | 1            | -              | T        | $\neg \neg$ |     | $\neg$ | $\top$     |      | t        | _      |      |          |      | $\neg$ |       | _               |         |          | 56   | 56       | 7                                                | 3   | 94     |
| 42/     |       | • 1 | . 1 | . 3   | 1        | L . 7 | 1             | . 2 |       | 1        |        |        |     |              |                |          | Ì           |     |        | -          |      |          |        |      |          |      |        |       | - 1             |         |          | 39   | 39       |                                                  |     | 85     |
| 407     |       | • 1 | 7   | . • 0 | 1        |       | 1             | .9  |       | . 1      |        | -      |     | !-           |                | _        | _           |     |        | 1-         |      | <b>†</b> | _      |      |          |      |        |       | _               |         |          | 32   | 32       |                                                  | 7   | 72     |
| 38/     |       | • 3 | )   | . 0   | <b>X</b> | . 7   | 1             | . 6 |       | - 1      |        | -      |     | 1            |                |          |             |     | - 1    |            |      | İ        |        |      | ŀ        |      | - 1    |       |                 |         |          | 23   | 23       |                                                  | 5   | 68     |
| 367     |       |     | -   | • 1   |          | -4    |               | .0  | •     | . 2      |        | $\top$ |     |              |                |          |             |     | 1      |            |      |          |        |      |          |      |        |       | $\neg \uparrow$ |         |          | 19   | 16       |                                                  | 9   | 63     |
| 34/     |       | • 2 | 1   | 2     | 1        | . 4   |               | . 3 |       | 1        |        |        |     |              |                |          |             |     |        |            |      |          |        |      |          |      |        |       |                 |         |          | 20   | 20       | 1                                                | 7   | 5 3    |
| 327     |       |     | , - | • 2   |          | . 4   |               | . † |       | . 1      |        | $\top$ |     |              |                |          |             |     | 1      | <br>1      |      |          |        |      |          |      |        |       |                 |         |          | 7    | 7        | 2                                                | 3   | 32     |
| 30/     | 29    |     |     | • 1   | Ú        | . 2   | i             | . 1 |       |          |        |        |     |              |                | 1        | ļ           |     |        | i          |      |          |        |      |          |      | - 1    |       | ĺ               |         |          | 4    | 4        | 1                                                | 0   | 4 2    |
| 78/     |       |     |     | . 2   | 1 -      | . 4   | -             | • 1 |       | T        |        | -      |     | 1            |                |          |             |     | 1      | <br>1      |      |          |        |      | T        |      |        |       |                 |         |          | 7    | 7        |                                                  | 15  | 42     |
| 26/     |       |     |     | • 1   | 4        |       |               |     |       |          |        |        |     | 1            |                |          | Ì           |     | į      |            |      |          |        |      |          |      |        |       | ]               |         |          | 1    | 1        | j                                                | 6   | 22     |
| 247     |       |     | •   |       | ٠        |       | i             |     |       | $\dashv$ |        | -t-    |     |              |                |          |             |     | 1      | <br>$\top$ |      | T        |        | _    | $\dashv$ |      | $\neg$ |       | $\neg \uparrow$ |         |          |      |          | 1                                                | 4   | 13     |
| 22/     |       |     |     |       |          |       |               |     |       |          |        | -      |     | ]            |                | j        |             |     | j      |            |      |          |        |      | ļ        |      |        |       | - 1             |         |          | İ    |          | ł                                                | 1   | 14     |
| 20/     | -     |     | •   |       |          |       |               |     |       | _ †.     |        | _      |     | 1            |                | i –      | 1           |     | 1      | $\top$     |      |          |        |      |          |      |        |       | 7               |         | <u> </u> |      |          | +                                                |     | 5      |
| 18/     |       |     |     |       |          |       |               | j   |       | -        |        |        |     | 1            | i              | l        |             |     |        |            |      |          |        |      |          |      |        |       | į               |         |          |      |          |                                                  | 1   | 6      |
| 167     |       |     | •   |       | i        |       | 4 -           |     |       |          |        | +-     |     | 1            |                | -        |             |     | _      | <br>7      |      | -        |        |      |          |      |        |       | _               |         | $\vdash$ |      |          | 1                                                |     | 1      |
| 14/     | 13    |     |     |       | :        |       | 1             | )   |       |          |        |        |     |              |                |          | j           |     |        |            |      | ,        |        |      | )        |      | j      |       | j               |         |          |      |          | 1                                                | 1   | 1      |
| Element | (X)   |     | Σχ  | ,     | _        |       |               | Z   | ξχ    |          |        | - ;    | X   | Ι.           | σ <sub>χ</sub> |          |             | No. | Obs    | ľ          |      | _        | _      |      |          | Me   | an N   | lo. o | f Ho            | urs wit | h Temp   | erot | ure      |                                                  |     |        |
| Ref. Hu | m 1   |     | ~ : | -     | _        |       | $\overline{}$ |     |       |          | $\top$ |        |     |              |                |          |             |     |        | T          | ٤ 0  | F        | •      | 32   | F        | ,    | 67     | F     | -               | 73 F    | • BC     | F    | - 93     | F                                                | Tot | 01     |
| Dry Bu! | ь     |     | -   | -     |          | -     | i             |     |       |          | $\top$ |        |     |              |                |          |             |     |        | 1          |      |          |        |      |          |      |        |       |                 |         |          | _    | 1        |                                                  |     |        |
| Wet Bu  | ь     |     |     |       | -        |       | 1             |     |       |          |        |        |     |              |                |          |             |     |        |            |      |          |        |      |          |      | _      |       |                 |         |          |      | 7        |                                                  |     |        |
| Dew Po  | unt l |     | -   |       |          |       | ÷             |     |       |          |        |        |     | 1            |                |          |             |     |        | <br>       |      |          | _      |      |          |      |        |       |                 |         | 1        |      |          |                                                  |     |        |

USAFETAC FORM 0.26.5 (OLA) BIVISE MENIOUS TERIOMS OF THIS FLAM ARE OBSOITED

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

26102 FURT SMITH NWT DEIT APT 57-66 SEP

STATEN STATEN STATEN AME YEARS MONTH

PAGE 2 1200-1400
HOURS (L. S.T.

|            |     |                                             |              |                                                  |              | WET                                              | BULB                                   | ****         | ATHE                                             |         | ECCION       | /E1          |                |              |      |             |         |                                                  | TOT4:        |          | 707.                                             |              |
|------------|-----|---------------------------------------------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|----------------------------------------|--------------|--------------------------------------------------|---------|--------------|--------------|----------------|--------------|------|-------------|---------|--------------------------------------------------|--------------|----------|--------------------------------------------------|--------------|
| Temp.      |     |                                             |              |                                                  |              | WET                                              | RULB                                   | LEMPER       | AIURI                                            | DEPR    | ESSION       | (F)          | 1              | T            | .1   |             |         |                                                  | TOTAL        |          | TOTAL                                            |              |
|            | 0   | 1 - 2                                       | 3 - 4        | 5 - 6                                            | 7 - 8        | 9 - 10                                           | 11 - 12                                | 13 - 14      | 15 - 16                                          | 17 - 16 | 19 - 20      | 21 - 22      | 23 - 24        | 25 - 2       | 6 27 | - 28        | 29 - 30 | ≥ 31                                             | U.B. W.B.    | Dry Bulb | Wet Bulb                                         | Dew Po       |
| 8/ 7       |     |                                             |              | 1                                                | :            |                                                  | 1                                      | <b>[</b>     |                                                  |         |              | [            | 1              | ĺ            | -    | - 1         |         | ĺ.                                               | ĺ            |          |                                                  |              |
| 4/ 3       |     | ·<br>                                       |              |                                                  |              |                                                  |                                        | l            |                                                  |         |              | 1            |                |              | _1   |             |         |                                                  |              |          |                                                  |              |
| JTAL       | 1.7 | 15.9                                        | 22.3         | 18.9                                             | 18.2         | 11.7                                             | 7.0                                    | 2.7          | 1.0                                              | 2 • '   | +            |              |                |              |      |             |         |                                                  |              | 900      |                                                  | 90           |
| · ·        |     |                                             | ;            |                                                  | 1            | j                                                |                                        | J            |                                                  | 1       |              | J            | j              | ļ            |      |             |         | ļ                                                | 900          |          | 900                                              |              |
|            |     |                                             | ·            |                                                  |              |                                                  | 1                                      |              |                                                  | +       | <del> </del> |              | <del></del>    | <del> </del> | +    | +           | •       |                                                  |              |          |                                                  |              |
|            |     | :                                           |              |                                                  |              |                                                  | 1                                      | 1            |                                                  | 1       | 1            | 1            |                |              | -    |             |         | 1                                                |              |          |                                                  |              |
|            |     | <del></del>                                 |              |                                                  | <del></del>  |                                                  |                                        |              |                                                  | +       | <del> </del> | -            |                |              | +    | -+          |         | <del></del>                                      |              |          | <del>                                     </del> | <del>.</del> |
| 1          |     |                                             | į            |                                                  | 1            | }                                                | 1                                      | ļ            |                                                  | 1       | Į.           | 1            | ļ              | ļ            | 1    |             |         | ļ                                                | ]            |          |                                                  |              |
|            |     | <del> </del>                                | ļ            |                                                  | <b></b> -    |                                                  | ļ                                      | ļ            |                                                  | ــــ    | <b>├</b>     | <b>├</b> ──  |                |              | 4    |             |         | L                                                |              |          | ļ.——i                                            |              |
| i          |     | İ                                           | l            | İ                                                |              | İ                                                | 1                                      | 1            |                                                  |         | i            | 1            |                |              |      |             |         |                                                  |              |          | i l                                              |              |
|            |     | 1                                           |              | L                                                |              |                                                  | 1                                      |              |                                                  |         | L            |              |                |              | 1    |             |         |                                                  |              |          |                                                  |              |
|            |     |                                             | i            |                                                  |              |                                                  |                                        | 1            |                                                  |         |              | 1            |                |              |      |             |         |                                                  |              |          |                                                  |              |
| Į.         |     |                                             |              |                                                  |              | 1                                                |                                        |              | 1                                                | 1       | 1            |              |                |              |      |             |         |                                                  |              |          | 1                                                |              |
|            |     |                                             |              |                                                  |              |                                                  | 1                                      |              |                                                  | 1       | 1            | 1            |                |              | +-   |             |         |                                                  |              |          | <del>                                     </del> |              |
|            |     |                                             | 1            |                                                  |              |                                                  |                                        | ĺ            |                                                  |         |              | ļ            | {              | 1            | 1    |             |         |                                                  |              |          |                                                  |              |
| ·          |     | <del> </del>                                | <del>}</del> | <del> </del>                                     |              | <del>                                     </del> | <del> </del>                           |              | <del>                                     </del> | +       | <del>}</del> | ┼──          | <del> </del>   | +            | +-   | $\dashv$    |         | <del>                                     </del> |              |          | <del> </del>                                     |              |
| :          |     | İ                                           | İ            |                                                  | ļ            | l                                                | 1                                      |              | ļ                                                |         |              |              |                |              |      |             |         |                                                  |              |          | 1                                                |              |
|            |     | ł                                           | <b>⊢</b> —   | -                                                | <del> </del> | ļ                                                | <del></del>                            |              | ļ                                                | +       | <del></del>  | <del>-</del> |                |              | +-   |             |         | ļ                                                |              |          | <u> </u>                                         |              |
|            |     | i                                           | İ            | i                                                | 1            |                                                  |                                        |              |                                                  |         | 1            |              |                | į            |      | 1           |         |                                                  |              |          |                                                  |              |
|            |     | <u> </u>                                    | Ĺ            | Í                                                | Ĺ            | Ĺ                                                | <u> </u>                               |              |                                                  | ↓       | ļ            | <u> </u>     |                | <b>↓</b>     |      |             |         |                                                  |              |          |                                                  |              |
|            |     |                                             |              | i                                                |              | i                                                | 1                                      | ļ            |                                                  | 1       |              |              |                |              |      |             |         |                                                  |              |          |                                                  |              |
|            |     | Ì                                           |              | ì                                                |              |                                                  |                                        |              |                                                  |         | }            | 1            |                |              | 1    | 1           |         | 1                                                |              |          |                                                  |              |
|            |     | į <u>.                                 </u> | ]            |                                                  | ] -          | T -                                              |                                        |              |                                                  | T       |              | T            |                |              | 1    |             |         |                                                  |              |          |                                                  |              |
| į          |     | 1                                           |              | l                                                |              | İ                                                | 1                                      |              |                                                  | 1       |              |              |                | ĺ            | ĺ    | ſ           |         | ĺ                                                | [            |          |                                                  |              |
|            |     |                                             |              | ·                                                | <del> </del> | <del></del>                                      | <del> </del>                           |              | <del> </del>                                     | +       |              | 1            |                |              | +-   |             |         |                                                  |              |          | <del> </del>                                     | _            |
| :          |     | :                                           |              | -                                                |              |                                                  | ļ                                      |              | 1                                                |         |              | 1            |                |              | l.   | -           |         |                                                  |              |          |                                                  |              |
|            |     | • · ·                                       | i            | <del>-</del>                                     | ļ            | <del> </del>                                     | <del> </del>                           | <del> </del> | <del> </del> -                                   | +       | +-           | <del> </del> | ļ —            | <del>}</del> | +    |             |         | <del> </del>                                     | <del> </del> |          | <del> </del>                                     |              |
| i          |     | ł                                           |              |                                                  |              |                                                  |                                        |              |                                                  |         | }            |              |                |              |      |             |         |                                                  |              |          |                                                  |              |
|            |     |                                             | <del> </del> | 1                                                | <u> </u>     | ļ                                                | ļ                                      |              | ļ                                                |         | <del> </del> | <b>↓</b>     |                | ļ            | _    |             |         |                                                  |              |          | ļ                                                |              |
|            |     | į.                                          |              | ļ                                                |              |                                                  |                                        |              |                                                  | 1       |              |              |                |              | ł    | Ì           |         | •                                                |              |          | 1                                                |              |
| 1          |     | i<br>i                                      |              |                                                  |              | 1                                                | 1                                      |              | L                                                | 1       |              | l            | L              | L            |      |             |         |                                                  |              |          | L                                                |              |
|            |     |                                             |              | 1                                                |              |                                                  |                                        |              |                                                  |         |              | -            |                |              |      |             |         |                                                  |              |          |                                                  |              |
| 1          |     | ,                                           | İ            |                                                  |              |                                                  |                                        |              | 1                                                | 1       |              |              |                |              |      |             |         |                                                  |              |          |                                                  |              |
|            |     | i -                                         | <u>†</u> — — | i                                                | 1            | 1                                                | 1                                      |              | †                                                | 1       | T            | 1            |                | 1            |      | $\neg \neg$ |         | <del>-</del>                                     |              |          | t — —                                            |              |
| i          |     | 1                                           | :            | i                                                | i.           | 1                                                |                                        | ì            | ł                                                | 1       | 1            | 1            | 1              | ł            | 1    | 1           |         | l                                                |              |          | 1                                                |              |
|            |     | ÷ .                                         |              | †·                                               | +            | t                                                | <del> </del>                           | <del></del>  | <del> </del>                                     | +       | +-           | <del> </del> | <del> </del> - | <del>†</del> | +-   |             |         | -                                                |              |          | <del> </del>                                     |              |
|            |     |                                             |              |                                                  |              |                                                  |                                        |              |                                                  |         | 1            |              |                |              | -    |             |         |                                                  |              |          |                                                  |              |
|            |     | F 2                                         | ٠            | <del>                                     </del> | <u></u>      | <del></del>                                      | ــــــــــــــــــــــــــــــــــــــ | <del> </del> | Ц.                                               | ٠       | L            | Н            | L              | L            | ٠,   | يب          |         | <del></del>                                      | <del>_</del> |          |                                                  |              |
| lement (X) |     | Σχ'                                         | 84 10        | ł                                                | 一            | 130                                              | X<br>65.5                              | ×            |                                                  | No. C   | 700          |              |                |              |      |             |         |                                                  | Temperat     |          |                                                  |              |
| lel. Hum.  |     | 908                                         | 8619         | 1                                                | 201          | 7.5 4                                            | 07.7                                   | 1207         | 74                                               |         | 00           | 5 0          | F              | ≤ 32 F       |      | ≥ 67        |         | 73 F                                             | ≥ 80 F       | ≥ 93     | F                                                | Total        |
| Dry Bulb   |     |                                             | 7874         | 1                                                | 465          | 00                                               | 31.7                                   | 9.7          | 10                                               |         | 00           |              |                | 1.           |      | 6           | • 2     | 1.2                                              | •            | 1        |                                                  | 9            |
| Wet Bulb   |     | 1 43                                        | 3994         | 1                                                | 411          | 40                                               | 45,7                                   | 7.7          | 10                                               | 1       | 700          |              |                | 5.           |      |             |         |                                                  |              |          |                                                  | 9            |
| Dew Point  |     | 148                                         | 1651         | T                                                | 356          | 91                                               | 39.7                                   |              |                                                  |         | 00           |              |                | 18.          | T    |             |         |                                                  |              |          |                                                  | 9            |

USAFETAC FORM 0-26-5 (OLA) REVISED MENIOUS EDITIONS OF THIS FORM ARE OBSOILTE

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

FORT SMITH NWT DOT APT

#### **PSYCHROMETRIC SUMMARY**

- SEP STATION NAME 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 - 4 5 . 6 7 . 8 9 - 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 \* 31 D.B. W.B. Dry Bulb Wer Bulb Dew Por 80/ 79 78/ 77 76/ 75 74/ 73 :1 . 1 13 . 1 17 72/ 71 . 6 17 70/ 69 . 6 13 13 21 66/ 65 41 41 29 62/ 61 37 37 50/ 39 55 55 11 58/ 57 58 58 50/ 55 70 70 54/ 53 58 72 58 527 31 51 50/ 49 48/ 47 1.7 2.7 2.8 84 84 109 50 2.8 62 62 48 1.1 2.2 1.4 46/ 45 89 55 83 .6 1.6 1.0 1.8 44/ 43 35 55 91 75 2 1.0 42/ 41 93 33 63 33 ·2 1.3 ·3 1.3 ·9 1.3 407 39 78 20 33 20 38/ 37 50 32 32 67 36/ 35 68 18 18 34/ 33 32/ 31 8 24 53 43 15 ŢĦ 13 30/ 29 12 44 28/ 27 26/ 29 10 30 30 17 24/ 23 22/ 21 10 20/ 19 18/ 17 16/ 15 1 12/ 11 No. Obs. Element (X) ZX Mean No. of Hours with Temperature Rel. Hum. ≤ 0 F f 32 F ≥ 67 F + 73 F ≥ 80 F e 93 F

57-66

ã 10) 0.26.5

Dry Bulb Wet Bulb Dew Point

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

76192 FORT SMITH NWT DUT APT 57-66 SEP MONTH PAGE 2 1500-1700

| Temp.       |             |     |                 | _    |       |                |     |       |     | WE.    | ТВ      | ULB    | TE      | MPE   | RA. | TURE   | DE           | PRE                                           | 5510     | ON (                                         | F)   |               |      |      | _      |          |        |      |        |               | Т               | OTAL    |                | TO:   | TAL      |          |
|-------------|-------------|-----|-----------------|------|-------|----------------|-----|-------|-----|--------|---------|--------|---------|-------|-----|--------|--------------|-----------------------------------------------|----------|----------------------------------------------|------|---------------|------|------|--------|----------|--------|------|--------|---------------|-----------------|---------|----------------|-------|----------|----------|
| (F)         | 0           |     | 1.2             |      | 3 - 4 | T 5            | - 6 | 7 - 8 | 3   | 9 - 10 | 1       | 1 - 12 | 13      | . 14  | 115 | 5 - 16 | 17           | - 18                                          | 19       | - 20                                         | 21 - | 22            | 23 - | 24 2 | 25 - 1 | 26       | 27 . 2 | 28 2 | 9 - 30 | 2 3           | D.              | B. W.B. | Dry Bul        | b Wer | Bulb     | Den Poir |
| 107 9       | 1           | 1   |                 |      |       | i              | i   |       | - ( |        |         |        | i       |       | 1   |        | 7            | ,6                                            |          | . 4                                          |      |               |      |      |        |          |        |      |        |               | 1               |         | 90             | 1     |          | 900      |
|             | -           | - 7 |                 |      |       | -              | _   |       | +   |        | +       |        | +       |       | +   |        | -            |                                               |          |                                              |      | -+            |      | 十    |        | +        |        |      |        |               |                 | 900     |                | 4     | 00       |          |
|             | i           |     |                 |      |       |                |     |       |     |        | İ       |        |         |       | ì   |        |              |                                               |          | [                                            |      | ĺ             |      |      |        |          |        | İ    |        | 1             |                 |         |                |       |          |          |
|             |             |     |                 | +-   |       |                |     |       | -†- |        | +       |        |         |       | 1   |        | $\vdash$     |                                               |          |                                              |      | -+            |      | ╅    |        | -+       |        | +    |        | -             |                 |         |                |       | +        |          |
|             |             | i   |                 | i    |       | i              | İ   |       | - [ |        | 1       |        |         |       | Ì   |        | 1            |                                               |          |                                              |      | ł             |      | 1    |        | - }      |        | 1    |        |               |                 |         |                |       | - 1      |          |
|             | <del></del> |     |                 | +    |       | - <del>i</del> |     |       | -   |        | +-      |        | +-      |       | +-  |        | $\vdash$     |                                               | -        |                                              |      | $\rightarrow$ |      | +    |        | -+       |        |      |        | +             | +-              |         | <del> </del> - | +     |          |          |
|             | İ           |     |                 | į    |       | 1              | Ì   |       |     |        | 1       |        |         |       | -   |        |              |                                               |          | 1                                            |      | - }           |      |      |        | - ]      |        | )    |        | ,             |                 |         |                |       |          |          |
|             | <del></del> |     |                 | +    |       | -              |     |       | +   |        | +-      |        | +-      |       | +-  |        | ├            |                                               | ├-       |                                              |      | -+            |      | +    |        | 十        |        | +    |        | +             | _               |         |                |       |          |          |
|             |             | j   |                 |      |       | -              | )   |       |     |        |         |        |         |       |     |        | ļ            |                                               |          |                                              |      | - 1           |      | ì    |        | - 1      |        |      |        |               | ĺ               |         |                | 1     | - (      |          |
|             | $\dot{+}$   | -+  |                 | +    |       | +-             |     |       | +   |        | +       |        | +-      |       | +-  |        | ├            |                                               | -        |                                              |      |               |      | +    |        | -        |        | +    |        | +             |                 |         | <del>!</del> - | +     |          |          |
|             |             | ļ   |                 | i    |       |                | ĺ   |       | -   |        | 1       |        | 1       |       |     |        | [            |                                               | ĺ        |                                              |      | - 1           |      |      |        | 1        |        | 1    |        |               | 1               |         | 1              |       | 1        |          |
|             |             |     |                 |      |       | +-             |     |       | +   |        | +       |        | +       | _     | +   |        | -            |                                               |          | -                                            |      | -+            |      | +    |        | $\dashv$ |        | +    |        |               | -               |         | +              |       | - +      |          |
|             |             | İ   |                 | i    |       | 1              | 1   |       | -   |        |         |        | l       |       | 1   |        | 1            |                                               |          |                                              |      |               |      | 1    |        | - 1      |        |      |        | }             |                 |         | 1              |       |          |          |
|             |             | - ‡ |                 |      |       | ·              | - { |       | +   |        | -       |        | +-      |       | +-  |        | -            |                                               |          |                                              |      | -             |      |      |        | +        |        | +    |        | <del> </del>  |                 |         | <del> </del>   |       |          |          |
|             | ,           | 1   |                 |      |       | 1              | !   |       | Ţ   |        | )       |        |         |       | )   |        |              |                                               | ,        | - 1                                          |      | j             |      | - 1  |        |          |        | - }  |        |               | - 1             |         |                | į     |          |          |
|             |             | 7   |                 | ÷    |       | • -            |     |       | -+  |        | +-      |        | ╁       |       | +   |        | ├~           |                                               | -        |                                              |      | +             |      | +    |        | +        |        |      |        | <del></del> - | <del>-</del> i- |         | <del> </del> - | ٦     | +-       |          |
|             |             | ,   |                 |      |       |                | ļ   |       |     |        | 1       |        | i       |       | l   |        | ĺ            |                                               |          | - 1                                          |      | - (           |      | - (  |        | - 1      |        |      |        |               | - 1             |         | 1              |       |          |          |
| -           |             | - • |                 | - !  |       | •              |     |       | _!- |        |         |        | +-      |       | +   |        |              |                                               | <u> </u> |                                              |      | -+            |      | +    |        | +        |        | +    |        | <b>├</b>      | -               |         | <del> </del>   | +     | <u> </u> |          |
|             |             |     |                 |      |       |                | (   |       | -i  |        | 1       |        |         |       |     |        | 1            |                                               | 1        |                                              |      | - 1           |      | - [  |        | - }      |        | l    |        | -             | - {             |         | 1              |       | 1        |          |
|             | ļ           |     |                 | _:   |       | 1 -            |     |       |     |        |         |        | -       |       | +   |        | H            |                                               | <u> </u> |                                              |      | -+            |      | -    |        | -        |        | -    |        | <del> </del>  |                 |         | <del> </del> - |       |          |          |
|             |             |     |                 |      |       | -              | Ì   |       | - } |        |         |        | 1       |       | 1   |        | 1            |                                               | }        |                                              |      | - 1           |      | ļ    |        |          |        | 1    |        |               |                 |         |                | İ     | !        |          |
|             |             | · 4 |                 |      |       | ļ              |     |       | -   |        | +       |        | ╄       |       | +   |        | <del> </del> |                                               | -        |                                              |      |               |      | +    |        | +        |        | +    |        |               | -+-             |         | ļ              | +     |          |          |
|             |             | - 1 |                 |      |       | !              |     |       | ļ   |        | 1       |        | 1       |       |     |        | ١            |                                               | l        |                                              |      | - 1           |      | -[   |        | - (      |        | 1    |        | (             | - 1             |         | İ              |       | - 1      |          |
|             |             |     |                 | - •- |       | +              |     |       | -   |        | +       |        | +       |       | +   |        | ├-           |                                               | ├        |                                              |      | -+            |      | +    |        | $\dashv$ |        | -    |        | <del> </del>  |                 |         |                | +     |          |          |
|             | į.          |     |                 | 1    |       | i.             |     |       | - [ |        | -       |        | 1       |       |     |        | ĺ            |                                               |          |                                              |      | - 1           |      | - }  |        | - 1      |        | 1    |        | 1             | - 1             |         | ł              | ļ     | 1        |          |
|             | . !         |     |                 |      |       | · .            |     |       |     |        | 4       |        | +-      |       | +   |        | ├-           |                                               | Ļ.       |                                              |      | -             |      | 4    |        | -        |        |      |        | ↓             | -               |         | ļ              |       |          |          |
|             | 1           |     |                 | i    |       | 1              |     |       | 1   |        | -       |        | }       |       | 1   |        | }            |                                               | ļ        |                                              |      | - }           |      | - )  |        | - )      |        | -    |        | )             | - }             |         | ļ              |       |          |          |
|             |             |     |                 | 1    |       | 4 -            |     |       | -4  |        | $\perp$ |        | $\perp$ |       | 1   | ~_     | ļ_           |                                               |          |                                              |      |               |      | 4    |        | -        |        | 4    |        | ↓             | -               |         | L              |       | +        |          |
|             | -           |     |                 | -    |       | 1              |     |       | J   |        | )       |        |         |       |     |        | i            |                                               |          |                                              |      | - 1           |      | 1    |        | - 1      |        | -    |        | 1             | - {             |         | ĺ              |       | - 1      |          |
|             | 1 .         | . : |                 | . ļ. |       | 1.             |     |       | 4   |        | 4       |        | 4-      |       |     |        | <b>-</b>     |                                               |          |                                              |      | $\dashv$      |      | 4    |        | -4       |        | -    |        | <del> </del>  |                 |         | <u> </u>       |       |          |          |
|             |             | i   |                 | - į  |       | 1              |     |       |     |        | -       |        | 1       |       | ĺ   |        | {            |                                               | ĺ        |                                              |      |               |      | 1    |        | 1        |        |      |        | 1             | į               |         | }              |       | 1        |          |
|             | . 1         |     |                 | -1   |       | 1              |     |       |     |        | 4       |        | 1.      |       | 1-  |        | <u> </u>     |                                               |          |                                              |      | $\dashv$      |      | 4    |        | 4        |        | _    |        | <del> </del>  |                 |         | <del> </del>   |       |          |          |
|             | 1           | į   |                 | 1    |       | -              |     |       | - 1 |        |         |        | 1       |       | 1   |        | 1            |                                               | 1        |                                              |      |               |      | 1    |        | - }      |        | 1    |        | }             |                 |         | 1              |       | ļ        |          |
|             |             |     |                 |      |       | 4              |     |       | ┙   |        | ┙       |        | +       |       | 丄   |        | <u> </u>     |                                               | 1        |                                              |      |               |      |      |        | J.       |        | _1_  |        |               |                 |         | 1              |       |          |          |
| Element (X) |             |     | Σχ <sup>7</sup> | -    | **    | 1              |     | Z X   |     |        |         | X      |         | , ,   |     | _      | No           | . OL                                          |          | <u>,                                    </u> |      |               |      |      |        | _        |        |      |        |               |                 | empera  |                | т     |          |          |
| Rel. Hum.   |             |     |                 |      | 00    |                |     | 56    |     |        | _6      | 3.     | 91.     | 0.    | 11  |        |              |                                               | 00       |                                              | :    | 0 F           | 1    | 4    | 32 F   |          |        | 67 F |        | 73 F          |                 | ≥ 80 F  | > 9            | 3 F   | 7        | otal     |
| Dry Bulb    | 1           |     |                 |      | 70    |                |     | 47    | 2   | 20     |         | 2.     |         |       |     |        |              | _ ¥                                           | 00       | 1                                            |      |               | _    |      | 2,     |          |        | 7.   | 9      | 2.            | 2               | •       | 3              |       |          | 90       |
| Wet Bulb    | -1-         |     |                 |      | 24    |                |     | 41    |     |        |         | 6.     |         |       |     |        |              |                                               | 00       | 1                                            |      |               |      |      | 4,     |          |        |      | $\bot$ |               | $\perp$         |         |                |       |          | 9(       |
| Dew Point   | ⅃           |     | 1.4             | 00   | 32    | 4              |     | 97    | 74  | 71     | 3       | 7.     | 7       | 0 . 1 | 01  | 1      |              | <u>, , , , , , , , , , , , , , , , , , , </u> | 00       |                                              |      |               |      | 1    | 19.    | ·        |        |      |        |               |                 |         |                |       |          | 9(       |

FORM 0.26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

| 6102                           | FU        | HT S  | MITH        |       |          |                                                  | ,<br>        |                |         | 57-           | 66           |         |                   |             |             |          |             |          |               | ЕP       |
|--------------------------------|-----------|-------|-------------|-------|----------|--------------------------------------------------|--------------|----------------|---------|---------------|--------------|---------|-------------------|-------------|-------------|----------|-------------|----------|---------------|----------|
| STATION                        |           |       |             | 51    | TAT+ON N | IAME                                             |              |                |         |               |              |         | `                 | YEARS       |             |          | PACE        | 1        | 1800<br>Hours |          |
| Temp.                          |           |       |             |       |          | WET                                              | BULB         | TEMPER         | ATUR    | E DEPRE       | SSION (F)    |         |                   |             |             |          | TOTAL       |          | TOTAL         |          |
| (F)                            | 0         | 1 - 2 | 3 - 4       | 5 · 6 | 7 - 8    | 9 - 10                                           | 11 - 12      | 13 - 14        | 15 - 16 | 17 - 18       | 19 - 20 21 - | 22 23 - | 24 25 - 2         | 6 27 - 28   | 29 - 30     | ≥ 31     | D.B. W.B. D | ry Bulb  |               | Dew P    |
| 8/ 77                          |           |       |             |       |          |                                                  |              |                | • :     |               |              |         |                   |             |             |          | 1           | 1        | ſ,            | i -      |
| 72/ 71                         |           |       |             |       |          | . 1                                              |              |                |         |               | .,,          |         |                   |             | !           |          | 3           | 3        | L             | i        |
| 07 69                          | :         |       |             |       | • 1      |                                                  | • 2          |                | •       | 1             |              | ļ       |                   |             |             |          | 5           | 5        |               |          |
| 8/ 67                          |           |       |             |       | • 2      |                                                  |              |                |         | $\downarrow$  |              | _       |                   |             |             |          | 6           | 6        |               |          |
| 4/63.                          |           |       |             | .2    |          |                                                  |              |                |         |               |              | - [     |                   |             | ĺ           |          | 13          | 13       |               |          |
| Z/ 61                          |           | 2     | .2          |       |          |                                                  | • 1          |                |         | <del> </del>  |              |         |                   | <b> </b>    |             |          | 15          | 15<br>28 | 7             | <u> </u> |
| 0/ 59                          | į         | . 1   |             |       |          | 8                                                | .1           |                |         |               |              |         |                   |             |             |          | 35          | 28<br>35 |               |          |
| 8/ 57                          |           |       |             |       | _        |                                                  |              |                |         | +             | -+           |         | +-                | + +         |             |          | 38          | 38       | 14            |          |
| 6/ 55                          |           | 1.1   |             |       |          |                                                  |              | 1              |         | ] ]           |              | ]       |                   | ] ]         | J           |          | 46          | 46       |               |          |
| 4/ 53                          |           | 1.4   |             | 1.7   | -        |                                                  |              |                |         | 1             |              | +       |                   | + +         |             |          | 53          | 53       |               |          |
| 2/ 51                          |           | 2.0   | 3.1         | 2.7   | 1.1      |                                                  |              |                |         | 1             |              | -       |                   |             | - 1         |          | 82          | 82       | 62            |          |
| 0/ 49                          | • 3       | 3.2   | 3.Z         | 2.1   | 1.0      | .Z                                               |              |                |         |               |              |         |                   | 1           |             |          | 91          | 91       | 51            | <b>†</b> |
| 8/ 47                          | . 4       | 3 • 3 | 3.3         | 1.6   | - 4      | <b>+</b>                                         |              |                |         |               |              |         | ļ                 |             |             |          | 82          | 82       |               |          |
| 6/ 45                          | • 1       | 2 • 2 | 7           | 1.4   | • 2      |                                                  |              | 1-             |         |               |              |         |                   |             |             |          | 62          | 62       |               |          |
| 4/ 43                          | . 4       | 3.3   | 2.0         | 2 • 1 | • 1      | 1                                                | • 1          |                |         |               |              |         |                   |             |             |          | 73          | 73       |               |          |
| 2/ 41                          | • 7       | 3.7   | 2.4         | . 9   |          | 1                                                | ĺ            |                |         |               | i            |         | İ                 |             |             |          | 70          | 70       |               |          |
| 0/ <b>39</b>  <br>8/ <b>37</b> | - · · · 4 | 2.4   | 1.8         |       | • 1      | <del> </del>                                     |              | ļ              |         | <del></del>   |              |         | $\rightarrow$ $-$ | 4           |             |          | 49          | 49       | 75            |          |
| 6/ 35                          | • 3       | 2.4   |             | .3    |          | 1                                                |              |                |         |               | 1            |         | 1                 |             | 1           |          | 36<br>40    | 36       | 58<br>42      |          |
| 47 33:                         | 3         |       |             |       |          | <del> </del>                                     | <del> </del> |                |         | -             |              | +       |                   | +           |             |          | 26          | 40<br>26 | 42            |          |
| 2/ 31                          | ž         |       |             | . 3   |          | i                                                |              |                | !       | 1 1           |              |         | 1                 | 1           |             |          | 16          | 16       | 30            |          |
| 07 29                          |           |       |             |       | ··· —    | <del>                                     </del> | <del> </del> | <u> </u>       |         | +             | <del></del>  |         |                   | +           |             |          | 10          | 10       |               |          |
| 8/ 27                          |           | . 8   |             |       |          | -                                                |              |                |         |               | }            |         | - 1               |             |             |          | ii          | îi       | 16            | i .      |
| 67 25                          |           |       | ¥ · · · · · |       |          | † · · · · · · · · · · · · · · · · · · ·          | †            | †              |         | +             |              |         | <del> </del>      | <del></del> |             |          | 3           | 5        | - 9           |          |
| 4/ 23                          |           | • 3   | •           |       |          |                                                  | ľ            | (              |         |               | İ            |         |                   | 1 1         |             |          | 3           | 3        | 6             |          |
| 2/ 21                          | •         | 1     | ļ           |       |          |                                                  |              |                |         |               |              | $\neg$  |                   | 1 1         | $\neg \neg$ |          | 1           | 1        | 3             |          |
| 0/ 19                          |           |       | <b>4</b>    |       |          |                                                  |              |                |         |               |              |         |                   | 11          |             |          | L!          |          | 1             |          |
| 8/ 17                          |           |       | : -         |       |          |                                                  |              |                |         | i             |              |         |                   |             |             |          |             |          | · —           |          |
| 6/ 15<br>5/ 13:                |           |       |             |       |          | ļ                                                | <u> </u>     | ļ              |         | <u> </u>      |              |         |                   | 1           |             |          | L           |          | <u> </u>      | 11       |
| 4/ 13 <sup>1</sup><br>2/ 11:   |           |       | ;           |       |          |                                                  | 1            |                |         | 1 1           | ĺ            | ĺ       | 1                 | 1 1         | Ì           |          | 1 !         |          | 1             | ĺ        |
| 0/ 9                           |           |       |             |       |          | <del> </del>                                     | <del> </del> |                |         | <del>  </del> |              |         |                   |             |             |          |             |          | i             |          |
| . ,                            |           |       |             |       |          |                                                  |              |                |         | i             |              |         |                   |             |             |          |             |          |               | i<br>I   |
| ement (X)                      |           | Σ×'   |             |       | ž x      | <del></del>                                      | X -          | σ <sub>8</sub> |         | No. Ob        | . 1          |         |                   | Mean N      | o, of Ho    | urs with | h Temperatu |          |               |          |
| Hum.                           |           |       |             |       |          |                                                  |              | <del>  ^</del> |         | :             | +-           | 0 F     | : 32 F            | ≥ 67        |             | 73 F     | ≥ 80 F      | 93 1     | , J           | Total    |
| y Bulb                         |           |       |             |       |          | -                                                |              |                |         |               |              |         |                   |             |             |          | 1           |          |               |          |
| er Bulb                        |           |       |             |       |          |                                                  |              |                |         |               |              |         |                   |             |             | ·        | 1           |          |               |          |
| en Point                       |           |       |             |       |          |                                                  |              | T              |         |               |              |         |                   | <del></del> |             |          |             |          |               |          |

USAFETAC FORM 0.26-5 (OL A) BEYIND MEYIND FORM AND FORM AND OBSOLER

26102

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NET OUT APT

1447576

35306

39.2 8.342

#### **PSYCHROMETRIC SUMMARY**

SEP

90

YEARS PAGE 2 1800-2000 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL WET BULB TEMPERATURE DEFRESSION (F)

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 \*31 D.B.-W.B. Dry Bulb Wet Bulb Dew Point

3-233-227-919-3 9-0 4-9 1-8 -4 -2 900 900 900 900 67229 74.714,169 47.4 9.083 43.4 7.738 No. Obs. Mean No. of Hours with Temperature 3202923 267 F 273 F 280 F Rel. Hum. 5 0 F ≤ 32 F ≥ 93 F 4.6 8.2 2094160 42638 900 90 Dry Bulb 1750851 39081 900 90 Wet Bulb

900

19.0

37-66

SAFETAC FORM 0.26 5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE E

Dew Point

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

SEP -57-66 26102 FORT SMITH NWT DOT APT STATION NAME PAGE 1 2100-2300 HOURS . . S. T.

| Temp.      |                |                  |                |          |              | WET      | BULB 1                                           | remper           | RATURI                                            | EDEPRE       | SSION (      | F)           |              |              |      |          |        |              | TOTAL        |              | TOTAL        |                                        |
|------------|----------------|------------------|----------------|----------|--------------|----------|--------------------------------------------------|------------------|---------------------------------------------------|--------------|--------------|--------------|--------------|--------------|------|----------|--------|--------------|--------------|--------------|--------------|----------------------------------------|
| (F)        | 0              | 1 - 2            | 3 - 4          | 5 - 6    | 7 - 8        | 9 - 10   | 11 - 12                                          | 13 - 14          | 15 - 16                                           | 17 - 18      | 19 - 20      | 21 - 22      | 23 - 24      | 25 - 2       | 6 27 | - 28 29  | - 30   | ≥ 31         | D.B. W.B.    | Dry Bulb     | Wet Bulb     | Dew Po                                 |
| 47 63      |                |                  |                |          | . 1          |          |                                                  |                  |                                                   | T            |              |              |              |              | İ    |          |        |              | 1            | 1            | 1            |                                        |
| 2/ 61      |                | • 1              | Ú              | -1       | - 1          |          | , 1                                              |                  |                                                   |              |              |              | ŀ            | ì            |      | i i      |        |              | 4            | 4            |              |                                        |
| C/ 59      |                | . 3              |                |          |              |          | -1                                               |                  | $\vdash$                                          |              | İ            |              |              |              | T    |          |        |              | 14           | 14           | 7            |                                        |
| 8/ 57      | • 1            |                  |                | . 7      |              | . 1      |                                                  |                  |                                                   |              | ì            | )            | Ì            | ì            | ì    | 1        | Ì      |              | 26           | 26           | 3:           |                                        |
| 56/ 55     |                | . 2              |                |          | )            |          | .1                                               | <del> </del>     | ┼──                                               | +            |              |              |              |              | +-   |          |        |              | 21           | 21           | 18           |                                        |
| 54/ 53     | . 1            | 1.6              | 1.1            | . 4      |              |          |                                                  | !                |                                                   |              |              |              |              |              | -    | ŀ        |        |              | 32           | 32           | 21.          |                                        |
| 52/ 51     |                | 1.6              |                |          | "            |          | ├                                                |                  | +                                                 | +            | <del> </del> |              | <del> </del> | <del> </del> | +    | $\neg$   |        |              | 35           | 35           | 31           | 2                                      |
| 0/ 49      | .6             |                  |                |          | .6           |          |                                                  |                  | 1                                                 |              |              |              |              | 1            | 1    |          |        |              | 73           | 73           | 46           | 2                                      |
| 8/ 47      |                |                  |                |          | 1            |          | <del></del>                                      |                  | <del>                                      </del> | ┼            | ├──          |              | +            | +            | +-   | _        |        |              | 104          | 104          | 68           | 4                                      |
|            |                | 1                | _              |          |              |          | 1                                                | -                |                                                   |              | ļ            |              | i            |              |      |          |        |              | 90           | 90           | 105          | 7                                      |
| 6/ 45      | • 6            |                  |                |          |              |          |                                                  | <b>├</b>         | <del></del>                                       |              | <del> </del> | <u> </u>     |              | <del> </del> | +-   |          |        |              | 71           | 71           | 93           | 9                                      |
| 44/43      | . 6            |                  |                | • 3      |              |          |                                                  |                  | 1                                                 | 1            |              |              |              |              |      |          |        |              | 80           | 80           |              | 8                                      |
| 12/ 41     | 1.9            |                  |                |          | 3. 1         |          | <u> </u>                                         |                  |                                                   | ↓            | <u> </u>     | ļ            | <b>├</b>     | <del> </del> | +    |          |        |              | 72           | 72           |              |                                        |
| 10/ 39     | • 9            |                  |                | • 2      |              |          |                                                  | 1                |                                                   |              |              |              |              |              |      |          |        |              | 76           | 76           |              | 9                                      |
| 38/ 37     | 1.0            | 1                |                |          | • 3          |          |                                                  |                  | 1                                                 | <del></del>  | <del> </del> |              | }            | <b>}</b>     | -    | -        |        | -            | 58           | 58           | 80           | <del>- 7</del>                         |
| 36/ 35     | 1.3            | -                |                |          | {            |          | 1                                                | 1                |                                                   | i            | 1            |              | 1            |              |      |          |        |              | 45           | 45           |              | 5                                      |
| 34/ 33     | 1.2            | 1 -              |                |          |              |          |                                                  |                  | 1                                                 |              | ļ            | L            |              | 1            | 4_   | _        |        |              | 1            | 30           |              | - 6                                    |
| 32/ 31     | . 8            |                  |                |          |              |          |                                                  | 1                | 7                                                 |              |              | Į.           | Į.           | 1            | l    |          |        | Į            | 30           |              | 1 2          |                                        |
| 30/ 29     |                | 2.               | 1              | 2        |              |          | 1                                                |                  |                                                   |              |              | 1            |              |              |      |          |        |              | 28           | 28           | 1 -          | 4                                      |
| 28/ 27     |                | -                |                | t        | 1            |          |                                                  |                  | 1                                                 | T            |              | 1            |              |              | 1    |          |        | ĺ            | 15           | 13           |              | 4                                      |
| 26/ 25     | • 1            | (                | B . 1          | l        |              |          |                                                  |                  | 1                                                 |              |              |              |              | 1            |      | - 1      |        |              | 9            | 9            | В            | 2                                      |
| 24/ 23     |                |                  | 3 .            | 2        | 1            |          |                                                  |                  | 1                                                 |              |              |              | }            | T            | 7-   |          |        |              | 7            | 7            | 10           | 1                                      |
| 22/ 21     | 1              |                  | 1              | 1        |              |          |                                                  |                  |                                                   |              |              | İ            |              |              |      |          |        |              | L .          |              | 3            | 1                                      |
| 20/ 19     | 1              |                  | 4              |          | +            |          |                                                  |                  | 1                                                 | <b>-</b>     | T            |              |              | 1            |      |          |        |              | 6            |              | _            |                                        |
| 18/ 17     | . 3            |                  | 1              | <b>;</b> |              |          |                                                  |                  | i                                                 |              |              |              |              | ĺ            | 1    | - 1      |        |              | 3            | 3            | >            | ļ                                      |
| 16/ 15     |                | 1                | <del> </del> - | <u>†</u> | 1            |          | 1                                                | <b></b>          | 1                                                 | _            |              |              | 1            | 1            |      |          |        |              |              |              | Ī            |                                        |
| 14/ 13     |                |                  |                |          | İ            |          | 1                                                |                  |                                                   |              |              | i            |              |              |      | 1        |        |              |              |              | ĺ            | i                                      |
| 12/ 11     |                | <del>-</del>     |                | +        | <del> </del> |          | <del>                                     </del> | +                | <del>                                     </del>  |              | <del> </del> | +            | 1            | †            | _    | $\neg$   |        | 1            | 1            |              |              |                                        |
| 10/ 9      | ļ              |                  | į              | 1        |              | Į        | Į                                                | Į                | 1                                                 |              | į.           | Į            | 1            | l            | l l  | l l      |        | Į            | 1            | ļ            | l            |                                        |
| DTAL       | 174            | 91.              | 823.           | 9 8.2    | 1.6          | •        | . 2                                              | <b>3</b>         | 1                                                 | +-           |              | <del> </del> |              | + -          | +-   | $\neg +$ |        | <del> </del> |              | 900          |              | 90                                     |
| 017.5      |                |                  | 7              | 1        | 7 <b></b> .  | •        | 1 .                                              |                  |                                                   |              |              |              | 1            |              |      |          |        |              | 900          | i            | 900          | i                                      |
|            | Ļ              | . <del> </del> - | ·              | +        |              |          | <del> </del>                                     | +                |                                                   | <del> </del> | <del> </del> | ┼──          | +            | +            | +-   | -+-      |        | 1            | +            | <del> </del> | <del> </del> |                                        |
|            |                | 1                | 1              | 1        | 1            | <b>\</b> | 1                                                | 1                |                                                   | 1            | 1            | 1            | 1            | 1            | - 1  | - }      |        | 1            | 1            | 1            |              | l                                      |
|            | ļ              |                  | <del> </del>   |          | <del>-</del> | ļ        | <del> </del>                                     | ∔                | +                                                 | +            | +-           | <b>├</b>     | +            | +            | +    | $\dashv$ |        | 1            | +            | <del> </del> | +            |                                        |
|            |                |                  |                |          |              | 1        |                                                  |                  |                                                   | 1            |              |              |              |              | 1    |          |        |              | 1            |              | !            | ì                                      |
|            | <b>├</b> ─-    | <del>!</del>     |                | +        | <u> </u>     | $\vdash$ | <del></del>                                      | <del>  _</del> _ | <del>_</del>                                      | No. C        | he.          |              | Ь            |              |      | ean No   | . of H | ours wi      | th Tempera   | ture         |              | ــــــــــــــــــــــــــــــــــــــ |
| lement (X) |                | 2 x'             | 3927           | 4        | 2 x 754      | RA       | 83.9                                             | 10.              |                                                   |              | 700          | ± 0          | F            | ≤ 32 F       |      | ≥ 67 F   | _      | 73 F         | ≥ 80 F       | × 93         | F            | Total                                  |
| Rel. Hum.  | <del> </del> - |                  | 9608           |          | 383          |          | 42,0                                             |                  |                                                   |              | 900          |              | <u></u> +    | - 32 t       |      |          | +-     |              | <del> </del> | <del></del>  |              | 4                                      |
| Dry Bulb   | L              |                  | 2507           |          | 364          |          | 40.                                              |                  |                                                   |              | 700          |              |              | 13.          |      |          | +-     | -            | +            | +            |              | -                                      |
| Wet Bulb   | <u> </u>       |                  |                |          |              |          |                                                  |                  |                                                   |              | 900          | ├            |              | 22.          |      |          | -+     |              | <del> </del> | +-           |              |                                        |
| Dew Point  | 1              | 13               | 5043           | 9        | 340          | 7        | 3/0                                              | 8.               | 726                                               |              | - 00_        | 1            |              |              |      |          |        |              |              |              |              |                                        |

USAFETAC FORM 0.26-5 (OLA)

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

OCT FORT SMITH NWT DOT APT 57-66 26102 STATION NAME MONTH PAGE 1 0000-0200 HOURS L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 56/ 55 54/ 53 52/ 51 . 5 10 50/ 49 48/ 47 .4 .3 .5 .1 .3 .6 13 • 1 14 14 46/ 45 12 10 44/ 43 .8 1.3 26 26 9 42/ 41 .Z 1.4 1.8 38 28 . 1 38 13 1.2 2.4 1.4 40/ 39 38/ 37 40 69 ठव 31 65 48 48 47 1.1 3.2 1.1 2.9 6.9 1.2 52 77 36/ 35 52 52 59 34/ 33 102 82 102 32/ 31 3.9 5.4 112 94 88 93 30/ 29 3.1 5.8 83 83 89 2.0 6.1 28/ 27 81 81 77 26/ 25 . 2 63 78 86 63 24/ 23 22/ 21 1.7 2.3 62 47 69 65 62 37 37 64 33 27 20/ 28 51 18/ 17 16/ 15 1.4 21 21 36 2.3 30 31 14/ 13 12/ 11 15 13 15 30 . 3 21 10/ 9 . A 11 7 9 87 7 12 •1 6 6/ 5 • 3 3 3 47 3 2/ . 2 4 1 2 0/ -1 . 1 3 -2/ -3 -47 -5 •1 1 -6/ -7 • 1 -8/ -9 -10/-11 Σχ' No. Obs. Element (X) X Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F

Wet Bulb Dew Point

DATA PRUCESSING DIVISION USAF ETAC AIR MEATHER SELVICE/MAC

# PSYCHROMETRIC SUMMARY

FORT SMITH NET DOT APT 57-66 TOF STATION NAME 0000-0200 PAGE 2 HOURS 11. 5. T. WET BULB TEMPERATURE DEPRESSION (F)

O 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 31 e Q 22 - 612 - 4 3 - 3 - 6 - 1 930 TOTAL

86.0 9.615 30.4 9.378 29.1 8.671 26.6 9.079 No. Obs. Mean No. of Hours with Temperature Element (X) 8967771 80001 Rel. Hum. ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 0 F 93 93 730 • 4 942685 28297 54.2 Dry Bulb 839369 27097 730 60.8 Wet Bulb 930 733597 24719 68.6 93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE DESOURTE 0.26-5 (OL A)

FORM JUL 64

DATA PROCESSING DIVISION JSAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| 6102        | FUR   | T 54  | 11 TH   | Nr T  | DOT      | APT       |                 |                   |        | 57-          | 66      |          |        |                                                  |            |                   |              |         |          |       |
|-------------|-------|-------|---------|-------|----------|-----------|-----------------|-------------------|--------|--------------|---------|----------|--------|--------------------------------------------------|------------|-------------------|--------------|---------|----------|-------|
| Tstat n     |       |       |         | ST.   | ATION NA | E         |                 |                   |        |              |         |          |        | YE                                               | ARS        |                   | PAGE         | 1       | 0300     | 050   |
| Temp.       |       |       |         |       |          | WET BU    |                 |                   |        |              |         |          |        |                                                  |            |                   | TOTAL        |         | TOTAL    |       |
| (F)         | 0     | 1 - 2 | 3 - 4 . | 5 - 6 | 7 - 8    | 9 - 10 11 | - 12 1:         | 3 - 14 1          | 5 - 16 | 17 - 18      | 19 - 20 | 21 - 22  | 23 - 2 | 4 25 - 26                                        | 27 - 28 29 | - 30 2 31         | D.B. W.B. [  | ry Bulb | Wer Bulb | Dew P |
| 54/ 53      |       |       | . 2     |       |          |           |                 |                   |        |              |         |          |        |                                                  |            |                   | 2            | 2       |          |       |
| 52/ 51:     |       |       | . 2     | į.    | 1        |           | - 1             |                   |        |              |         | 1        |        | 1 1                                              | 1          | 1                 | 2            | 2       | -        |       |
| 507 49      |       | . 2   | • 1     | . 2   |          |           | -  -            |                   |        | 1            | ~       |          |        | + -                                              |            |                   | - 5          | - 5     | 3        |       |
| 48/ 47      | • 1   | . >   | . 4     | . 5   | . 1      |           |                 | 1                 |        |              |         | ]        |        | ) )                                              |            |                   | 16           | 16      | 5        |       |
| 46/ 45      | • 1   | . 5   | 8       | . 3   |          |           | -               |                   |        | <del> </del> |         |          |        |                                                  | +-         | -+-               | 16           | 16      | 10       |       |
| 44/ 43      | 6     | 9     | , 6     |       | 1        | ĺ         |                 | 1                 |        |              |         |          |        |                                                  |            |                   | 20           | 20      | 15       | 1     |
| 42/ 41      | .3    | 1.1   | - 6     | .3    |          |           |                 |                   |        | <del></del>  |         |          |        | +                                                | +          |                   | 24           | 24      | 2 7      |       |
| 40/ 39      |       | 2.0   | ÿ       | . 2   | • 4      |           |                 |                   |        |              |         |          |        |                                                  |            |                   |              | - 1     | 28       |       |
|             | 1.1   |       |         | • 2   | • *      |           |                 | $\longrightarrow$ |        | <b>-</b>     |         | <u> </u> |        | <del>                                     </del> |            | $\longrightarrow$ | 43           | 43      | = 1      |       |
| 30/ 37      |       | 3.Z   | 1.1     | 1     | 1        |           |                 |                   |        |              |         | 1        |        |                                                  |            |                   | 58           | 58      | 53       |       |
| 36/ 35      | = -1  | 3.9   | . 3     |       |          |           |                 |                   |        | ļ            |         |          |        | $\perp$                                          |            |                   | 51           | 51      | 48       |       |
| 34/ 33      | 4 1   | 8.0   | 1.3     | • 1   | ſ        | ĺ         |                 | ĺ                 |        | Ì            |         | ( )      |        | 1 1                                              | 1          | - 1               | 108          | 108     | 82       |       |
| 32/ 31      | 5.2   | 6.0   | . 3     |       |          |           | $\bot$          |                   |        |              |         |          |        | _                                                |            |                   | 107          | 107     | 129      | 1     |
| 30/ 29      | 4.1   | 7.3   | ì       |       | - 1      | 1         |                 | 1                 |        |              |         | [        |        |                                                  |            |                   | 106          | 106     | 115      | 1     |
| 28/ 27      | 2.0   | 4.5   | • 1     |       |          |           |                 |                   |        |              |         |          |        |                                                  | ļ          |                   | 62           | 62      | 79       |       |
| 26/ 25      | 2.7   | 4.7   | . Z     |       |          |           | $\neg$          |                   |        | ,            |         |          |        | 1                                                |            |                   | 71           | 71      | 72       |       |
| 24/ 23      | 2.2   | 3.1   | . 4     |       | 1        | İ         |                 | -                 |        | [            |         | 1 1      |        | 1 1                                              | ,          | 1                 | 53           | 53      | 60       |       |
| 227 21      | 7.2   | 1.9   |         |       |          |           |                 | -+                |        |              |         | -        |        | +                                                |            | <del></del>       | 38           | 38      | 50       |       |
| 20/ 19      | 2.3   | 2.6   | ł       | - 1   | 1        | Ì         | - 1             | - 1               |        | }            |         | }        |        | 1 1                                              | 1          |                   | 45           | 45      | 39       |       |
| 18/ 17      | 1.8   | . 8   |         |       |          |           |                 |                   |        | <del> </del> |         |          |        | +                                                |            |                   | 24           | 24      | 36       |       |
| 16/ 15      | 1.4   | . 6   | 1       | j     | 1        | )         | - }             |                   |        | J            |         | 1        |        |                                                  |            |                   | 19           | 19      | 19       |       |
| 14/ 13      | 1.3   | 5     |         |       |          |           |                 |                   |        |              |         |          |        | +                                                |            |                   | 17           | 17      | 17       |       |
| 12/ 11      | , ĝ   | . 2   | 1       | l     | - 1      | Ì         |                 | 1                 |        | ŀ            |         |          |        |                                                  |            |                   | io           | 10      | ii       |       |
| 107 3       | 1.2   |       |         |       |          |           |                 |                   |        |              |         |          |        |                                                  |            |                   | 12           | 12      | 13       |       |
| 8/ 7        |       | - 1   | -       |       | - 1      | ļ         |                 |                   |        |              |         |          |        |                                                  |            |                   | . t          |         |          |       |
|             | . 5   | • 1   | 🚽       |       |          |           |                 |                   |        |              |         | ļ        |        |                                                  |            |                   | 6            | 6       | - 6      |       |
|             | . 4   | . 1   | 1       |       | 1        | !         |                 |                   |        |              |         |          |        |                                                  |            |                   | 2            | 5       | 2        |       |
| 4/ 3        |       |       |         |       |          |           |                 |                   |        | ļ            |         | ļ        |        | 4                                                |            |                   | 1            | 1       | 1        |       |
| 27 1        | • 2   | i     | - 1     | - 1   | - (      |           |                 | 1                 |        | 1            |         |          |        | 1 1                                              | i          |                   | 2            | 2       | 2        |       |
| 0/ -1       | . 3   |       |         |       |          |           |                 |                   |        | ļ            |         |          |        |                                                  |            |                   | 3            | 3       | 3        |       |
| -2/ -3      | . 2   | i     | i       | 1     | - 1      |           |                 | 1                 |        |              |         | 1 1      |        |                                                  | 1          | 1                 | 2            | 2       | 2        |       |
| -4/ -5      | ii    |       |         |       |          |           |                 |                   |        | L            |         |          |        |                                                  |            |                   |              |         |          |       |
| -6/ -7      | . 2   |       |         |       | I        |           |                 |                   |        |              |         |          |        |                                                  |            | T                 | 2            | 2       | 2        |       |
| 10/-11      | L İ   | _     | _ i     |       |          |           |                 |                   |        | l !          |         |          |        | [ [                                              |            | 1                 | { i          | Í       | i        |       |
| DYAL        | 36.99 | 3.0   | 7.6     | 1.7   | . 8      |           |                 |                   |        |              |         |          |        |                                                  |            |                   | 930          | 930     | 930      | 9     |
| Element (X) | 7     | x ²   |         | - 2   | ξχ       | Ī         | $\neg \uparrow$ | - F               |        | No. Ob       | s.      |          |        | <del></del>                                      | Mean No.   | of Hours wi       | th Temperatu | re      |          |       |
| Ref. Hum.   |       | 716   | 348     |       | 812      |           |                 | 8.79              | 9      | 9            | 30      | = 0 1    | =      | ≤ 32 F                                           | ≥ 67 F     | 2 73 F            | ≥ 80 F       | 2 93 F  | т т      | otal  |
| Dry Bulb    |       |       | 1037    |       | 272      |           |                 | 9,12              |        | 9            | 30      |          | . 7    | 58.5                                             |            | +                 | 1            |         |          | 9     |
| Wet Bulb    | –     |       | 854     |       | 262      |           |                 | 8.60              |        | 9            | 3ŏ      |          | • 7    | 65.8                                             |            | +                 | +            | †       |          | •     |
|             |       |       | 407     |       | 74.81    |           |                 |                   | _1     |              | 70      | _        | 1-     | ~                                                |            |                   | 1            | 4       |          |       |

USAFETAC FORM 0.26-5 (OLA) REVISIO PREVIOUS EGITOMS OF THIS FORM ARE OF

26102

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SECVICE/MAC

FORT SMITH NWT DOT APT

#### **PSYCHROMETRIC SUMMARY**

IT TIN

|                |                   |       |         |              |              | W.5-           | 0111 0 1       | TENDED         | ATURE                                            | DEPRE          | SSION /                                          | E)                                               |              |              |                                                  |                |            | TOTAL        |         | TOTAL | <u> </u> |
|----------------|-------------------|-------|---------|--------------|--------------|----------------|----------------|----------------|--------------------------------------------------|----------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|--------------------------------------------------|----------------|------------|--------------|---------|-------|----------|
| Temp.          |                   |       |         |              |              | WET            | BULB           | EMPER          | 15 16                                            | 17 - 18        | 19 30                                            | 21 22                                            | 23 . 24      | 25 - 26      | 27 . 28                                          | 29 -           | 30 ≥ 31    | D.B. W.B. D  | ry Bulb |       | ew Po    |
| (F)<br>47-53   |                   |       | 3 · 4   | 5 - 6        | 7 - 8        | 9.10           | 11 - 12        | 13 - 14        | 13 - 10                                          | 17 - 10        | 17 - 20                                          |                                                  | 23           | 1            | 1                                                |                |            | 1            | 1       |       |          |
| 0/49           |                   |       | . 5     | . 1          |              |                | ,              |                |                                                  |                |                                                  |                                                  |              | ļ            |                                                  |                | -          | 6            | 6       | 1     |          |
| 87 47°         |                   | •     | 6       | . 5          |              |                | -              | <del> </del>   |                                                  | <del> </del>   |                                                  |                                                  |              |              |                                                  | <del> </del>   |            | 11           | 11      | 3     |          |
| 6/ 45          | ٠.                | . 6   | ų       | . 2          |              | !              | 1              |                | 1                                                | 1              |                                                  |                                                  |              | 1            |                                                  | i              | i          | 17           | 17      | 5     |          |
| 0/ 45<br>4/ 43 | <u>- 1</u><br>- 원 | 6     | . 3     | . 2          |              |                |                | ļ              |                                                  |                |                                                  |                                                  | L            | <del> </del> |                                                  | +              |            | 18           | 18      | 20    |          |
| 2/ 41          |                   | 1.7   |         | • 4.         |              |                | !              |                | İ                                                | 1              |                                                  | 1                                                |              | 1            | 1                                                | 1              | 1          | 26           | 26      | 33    | 2        |
|                | - 9               | 1 7   | 1.0     |              |              | <del></del>    | <del> </del>   |                | <del> </del>                                     | <del></del>    | <u> </u>                                         |                                                  |              | <del></del>  | <del> </del>                                     | +              |            | 25           | 26      | 21    |          |
| 8/37           |                   | 3.3   | . 0     | . 3          |              |                |                | ļ              | ļ                                                | Į              |                                                  |                                                  |              |              |                                                  |                |            | 54           | 54      | 44    | 3        |
| 6/ 35          |                   |       |         | • • • •      |              | <b></b>        | <del> </del>   | <del> </del> - | <del> </del> -                                   | <del> </del>   | <del></del> -                                    |                                                  |              | <del> </del> | +                                                | +              | +-         | 76           | 76      | 58    |          |
|                | 3.7               | 4.3   | 1.3     | • -          |              |                | ł              | ĺ              | 1                                                |                | ł                                                | 1                                                | 1            | İ            | }                                                |                |            | 80           | 80      | 86    |          |
| 4/ 33          |                   | 8.4   |         |              |              |                |                | <del> </del> - | ļ                                                | <del>├</del> - | -                                                |                                                  |              | <del> </del> | +                                                | +              | +-         | 123          | 123     | 105   |          |
| 2/ 31          | - 1               | 7.1   | . 7     | 1            |              | (              | (              | 1              | ļ                                                | ĺ              | (                                                | į .                                              |              | ĺ            | [                                                | (              | (          | 95           | 95      | 115   | 8        |
| 8/ 27          |                   | 4.2   | • 1     |              |              | ├              | <b>├</b>       | <del> </del>   | <del> </del>                                     | <del> </del>   |                                                  |                                                  |              | <del> </del> | <del> </del>                                     | <del> </del> - |            | 64           | 54      | 72    |          |
|                | 2.3               | 4.9   | • 2     |              |              |                | ì              |                | ĺ                                                |                | ì                                                |                                                  |              |              | 1                                                |                |            | 76           | 76      | 84    | 7        |
| 6/ 25          |                   | 2.2   | • 2     |              |              | <del> </del>   | <del> </del>   | <del> </del>   | <del> </del> -                                   | <del> </del>   | <del> </del>                                     | <del> </del>                                     | }            | <del> </del> | <del>                                     </del> | +              |            | 48           | 48      | 53    | - 6      |
| 2/ 21          | 3.1               | 2.7   | • 2     |              |              | 1              |                | Ì              | 1                                                |                |                                                  |                                                  |              | 1            |                                                  | ì              |            | 54           | 54      | 60    | :        |
| 07 19          | 2.2               | 1.7   |         |              |              |                | <b>├</b>       | <del> </del>   |                                                  | <del> </del>   |                                                  |                                                  |              |              | 1                                                | _              |            | 36           | 36      | 42    |          |
| 8/ 17          |                   | 1.2   | i       |              |              | 1              | }              | )              | 1                                                | 1              | ļ                                                | }                                                |              | ļ            | 1                                                |                |            | 32           | 32      | 37    | 4        |
| 6/ 15          |                   | - 3   |         |              |              | <del></del>    | <del> </del> - | <del> </del>   | <del>                                     </del> | <del> </del>   |                                                  |                                                  |              | <del> </del> | +                                                | +              |            | 79           | 19      | 1.4   |          |
| 4/ 13          | 1.6               | . 2   | i       |              | İ            | 1              |                | 1              | 1                                                | Į.             | }                                                | 1                                                | ļ            | ł            | ł                                                | 1              | ł          | 17           | 17      | 20    | 2        |
| 5/ 11          | 1.4               | -1    |         |              |              | <del> </del> - | ┼              | <del> </del>   | <del> </del> -                                   | <del> </del>   | <del> </del>                                     |                                                  |              | +            | +                                                |                |            | 14           | 14      | 13    | - 2      |
| 0/ 9           | 1.2               | . 2   |         |              | İ            | ĺ              |                |                |                                                  | İ              | {                                                | ĺ                                                | 1            | 1            | 1                                                | 1              | İ          | 13           | 13      | 12    | 1        |
| 8/ 7           |                   |       |         |              | }            |                | <del> </del>   | <del> </del>   | <del> </del>                                     | <del> </del>   |                                                  | -                                                |              | +            | +                                                | +-             |            | 7            | 7       | 8     |          |
| 6/ 5           | . 3               | . 1   |         |              | i            | 1              | İ              |                |                                                  |                |                                                  | ļ                                                |              |              |                                                  |                |            | 4            | 4       | 4     | 1        |
| 47 3           |                   |       |         |              |              | 1              | <del>}</del>   | <del></del>    | ┼┈                                               | 1-             | <del> </del>                                     |                                                  |              | 1-           | 1                                                | -              |            | 4            | 4       | 7     |          |
| 2/ 1           | . 2               |       |         |              |              |                | 1              |                | İ                                                | ŀ              | Ì                                                | 1                                                | ŀ            | 1            | 1                                                |                | ı          | 2            | 2       | 2     |          |
| 0/ =1          | 3                 |       |         |              |              |                | +              | <del> </del>   | -                                                | 1              | <del>                                     </del> | <del> </del>                                     | ├─           | <del> </del> | †                                                | $\top$         |            | 3            | 3       | 3     |          |
| 2/ -3          | 1                 |       |         |              | 1            | 1              | 1              | )              | 1                                                | )              | )                                                | }                                                | )            | )            | )                                                | 1              | )          | 1            | 1       | 1     |          |
| 47 -5          |                   |       |         |              | <del> </del> | <del> </del>   | +              | +              | <del></del>                                      | +              | <del> </del>                                     | <del> </del>                                     | <del> </del> | <del> </del> | 1                                                | 1              |            |              |         |       |          |
| 6/ =7          | 1                 |       |         |              |              |                | 1              | 1              |                                                  |                | 1                                                | 1                                                |              |              |                                                  |                | 1          | 1 1          |         |       |          |
| 2/-13          | 1                 |       |         |              |              | <del> </del>   | +              | +              | +                                                | +              | $\vdash$                                         | <del>                                     </del> |              | +-           | +                                                | <del> </del>   |            | 1            | 1       | 1     |          |
| 4/-15          | . 1               |       |         |              |              |                |                |                | 1                                                |                |                                                  | 1                                                |              | ĺ            | ĺ                                                |                |            | t            | 1       | i     | _        |
| 8/-19          | - 1               |       | ·       | <del> </del> |              | +              | +              | +              | +                                                | +              | 1                                                | 1                                                | 1            | +            | T-                                               |                |            | 1            |         | I     |          |
| 22/-23         | - 4               |       |         | 1            |              |                |                |                |                                                  | 1              | 1                                                |                                                  | 1            |              | 1                                                |                |            |              |         |       |          |
| lement (X)     |                   | E x 2 | <b></b> |              | ZX           |                | <del></del> _  | -              |                                                  | No. O          | bs.                                              |                                                  |              |              | Mean                                             | No. o          | f Hours wi | th Temperati | it d    |       |          |
| el. Hum.       | <u>.</u>          |       |         |              |              |                |                | 1              |                                                  |                |                                                  | ± 0                                              | F            | ± 32 F       | 2 (                                              | 57 F           | ≥ 73 F     | ≥ 80 F       | ≥ 93    | F T   | otal     |
| bry Bulb       |                   |       |         |              |              |                |                | -              |                                                  |                |                                                  |                                                  |              |              |                                                  |                |            |              | 1       |       |          |
| fet Bulb       |                   |       |         |              |              |                |                | _              |                                                  |                |                                                  |                                                  |              |              | T -                                              |                |            |              |         |       |          |
| New Point      |                   |       |         | <del> </del> |              |                |                | +              |                                                  |                |                                                  |                                                  |              |              | $\neg$                                           |                |            |              | 1       |       |          |

57-66

USAFETAC FORM 0.26-5 (OL.A) REVISED MEYIOUS EDITIONS OF THIS FORM ARE URFOLESTE

| TATA | PRINCESS | ING C | 111 | SION |
|------|----------|-------|-----|------|
| USAF | ETAL.    |       |     |      |
| AIR  | WEATHER  | SENVI | CE/ | MAC  |

| 26102      |          | ORT S | MITH          |              | TATION NA                                          |        |               |         |               | 57             | -66            |              |              |              | YEARS            |                |         |                                              |                |                |                                       | C T   |
|------------|----------|-------|---------------|--------------|----------------------------------------------------|--------|---------------|---------|---------------|----------------|----------------|--------------|--------------|--------------|------------------|----------------|---------|----------------------------------------------|----------------|----------------|---------------------------------------|-------|
|            |          |       |               |              |                                                    |        |               |         |               |                |                |              |              |              |                  |                |         |                                              | PAC            | SE 5           | 0 <b>600</b>                          | -080  |
| Temp.      |          |       |               |              |                                                    | WET    | BULB 1        | EMPE    | RATURE        | DEPR           | ESSION         | (F)          |              |              |                  |                |         |                                              | TOTAL          |                | TOTAL                                 |       |
| (F)        | . 0      | 1 - 2 | 3 - 4         | 5 - 6        | 7 - 8                                              | 9 - 10 | 11 12         | 13 - 14 | 15 - 16       | 17 - 1         | 8 19 - 2       | 21 - 22      | 23 - 2       | 25 -         | 26 27            | - 28           | 29 - 30 | ≥ 31                                         | D.B. W.B       | Dry Bulb       |                                       |       |
| TATE       | 40.      | 250.6 | > 7.5         | 1.6          | <b>)</b><br>  :                                    |        |               |         | i<br>I        | İ              | :              |              |              |              | !                |                |         |                                              | 930            | 93C            | 930                                   | 93    |
|            | •        |       |               |              | <del>                                     </del>   |        | †             |         |               | +              |                | +            | :            |              |                  |                |         | <del></del>                                  | <del>  -</del> | ·              |                                       |       |
|            |          |       |               |              |                                                    |        |               |         | !             |                |                |              | İ            | İ            | İ                | - 1            |         |                                              | 1              | !              |                                       |       |
|            |          |       |               |              |                                                    |        |               |         |               | • =            | 1              | 1            |              | i            |                  |                |         |                                              | :              | •-             |                                       |       |
|            |          |       |               |              | i                                                  |        |               |         |               | ·              |                |              |              |              |                  | į              |         |                                              | -4             |                |                                       |       |
|            |          |       |               |              | 1                                                  |        |               |         |               | i              | 1              |              |              |              |                  | i              |         |                                              | I              |                |                                       |       |
|            |          |       | <u></u>       |              | i                                                  |        |               |         |               | +              | <del></del>    | <del></del>  | ļ            |              |                  |                |         | <u>.                                    </u> | 4              |                |                                       |       |
|            | i        |       |               |              | ٠                                                  |        |               |         | 1             |                | 1              | :            |              |              | •                | !              |         |                                              | ĺ              |                |                                       |       |
|            |          |       | +             |              |                                                    |        | <del></del> : |         |               | <del>-</del>   | <del> </del> - | 1            |              |              |                  | <del>- i</del> |         | <del>-</del>                                 | <u> </u>       | <del></del>    |                                       |       |
|            |          |       | ; 1           | ĺ            |                                                    |        | ,             |         |               | í              | 1              | [            |              |              |                  | 1              |         |                                              | 1              | 1              | :                                     |       |
|            |          | -+    |               |              | <del>;                                      </del> |        |               |         | <del></del>   |                | +              | <del></del>  | L            |              | -                |                |         | ·                                            | <del></del>    | +              | · · · · · · · · · · · · · · · · · · · |       |
|            |          |       | !             | !            | 1                                                  |        | 1             |         | İ             | i              |                | 1            |              | 1            | 1                |                |         |                                              | ĺ              | 1              |                                       |       |
|            | • -      |       |               | <u>;</u>     | ; <del> </del>                                     |        | <del> </del>  |         | <b>;</b> -    | <del>-</del> - | +              | <del></del>  | ·            | <del></del>  |                  |                |         |                                              | <del>.</del>   | <del> </del> - | <u> </u>                              |       |
|            |          |       | i             | 1            |                                                    |        | ¦ [           |         |               | i              |                | i ·          |              |              |                  | į              |         |                                              | -              | 1              |                                       |       |
|            | •        | :     | † · · · · · · |              | •                                                  |        | <del>-</del>  |         | <del> </del>  | <del> </del>   | +              | +            |              | +            | - <del>-</del> - | -+             |         | <del> </del>                                 | <del></del>    | <del> </del>   |                                       |       |
|            |          | 1     |               |              | 1 1                                                |        | i             |         |               |                |                |              | !            | ì            |                  | - !            |         |                                              | -              | 1              |                                       |       |
|            | •        |       | •             |              | ·                                                  |        | 1             |         | <del> </del>  | †              | -              | +            |              | +            | 1                |                |         | !                                            | 1              | <u> </u>       |                                       |       |
|            |          | 1     | 1             |              | 1                                                  |        |               |         |               |                |                |              | ĺ            | İ            | i                | i              |         | 1                                            | 1              | f              |                                       |       |
|            |          | - !   |               | •            | į ·                                                | _      | j             |         |               |                | † -            | 1            |              |              |                  |                |         |                                              |                | T              |                                       |       |
|            | _ 4      |       | 1             |              | ]                                                  |        | ļ             |         |               |                | L              | <u> </u>     | L_           | i            | Ĺ                |                |         |                                              | L              |                |                                       |       |
|            |          |       | - '           |              |                                                    |        |               |         |               |                |                |              |              | T            |                  | -              |         |                                              |                |                |                                       |       |
|            | <u>.</u> |       | :             |              | 1                                                  |        | I             |         |               | <u> </u>       | 1_             | L            |              |              |                  |                |         |                                              | 1              | L              | i                                     |       |
|            | 1        |       | ļ             |              | 1                                                  |        | 1             |         | 1             |                |                |              | ]            | 1            |                  |                |         | İ                                            |                | 1              | 1                                     |       |
|            |          |       | ·<br>         |              | ļ · +                                              |        | <u> </u>      |         | -             | <del></del>    |                | <del> </del> |              |              |                  |                |         | ļ                                            | <u> </u>       | ļ              |                                       |       |
|            | 1        |       | 1             |              | } i                                                |        | '             |         |               |                | }              | 1            | ]            | 1            |                  |                |         |                                              |                | 1              | 1                                     |       |
| -          |          | ÷=    |               | . —-         | <b></b>                                            |        | 1             |         | į             | -              | 4              | <u> </u>     |              | <del>-</del> |                  |                |         | ļ                                            | ļ              | <del> </del>   |                                       |       |
|            | 1        |       | 1 ,           |              | j                                                  |        |               |         |               | 1              |                | 1            | ļ            |              | -                |                |         |                                              |                |                |                                       |       |
|            |          | •     | •             |              | !                                                  |        | ļ             |         |               | <del> </del>   | +              | <del> </del> |              | +-           |                  | -+             |         | <del> </del> -                               | <del> </del>   | +              |                                       |       |
|            | :        |       | 1             |              | : 1                                                |        | į l           |         | İ             | 1              |                | 1            |              |              | 1                | -              |         | )                                            | į              | 1              | :                                     |       |
|            | 1        | - : • | •             | <del> </del> | +                                                  |        |               |         | †             | <u> </u>       |                | <del> </del> | <del> </del> |              |                  | $\dashv$       |         | <del> </del>                                 | <del> </del>   | +              |                                       |       |
|            |          | 1     |               | l            | 1                                                  |        |               |         |               | 1              |                | 1            | }            |              |                  |                |         | ,                                            | }              |                |                                       |       |
| Element () | ()       | Σχ'   |               |              | ZX                                                 |        | X             |         | $\overline{}$ | No. C          | bs.            | '            |              |              | M                | ean N          | o. of H | ours wit                                     | h Temper       | ature          |                                       |       |
| Rel. Hum.  | $\neg$   | 726   | 3692          |              | 818                                                | 56     | 88.0          | 7.5     | 66            |                | 930            | 10           | F            | * 32 /       |                  | ≥ 67           |         | 73 F                                         | ≥ 80 F         |                | =   T                                 | Total |
| Dry Bulb   | 1        | 84    | 7604          |              | 267                                                | 28     | 28.7          | 9.2     | 05            |                | 930            | l            | .7           | 61           | . 5              |                |         |                                              |                |                |                                       | 9     |
| Wet Buib   |          |       | 39487         |              | 258                                                |        | 27.8          | 8.8     | 12            |                | 930            | L            | • 7          | 65           |                  |                |         |                                              |                |                |                                       | 9     |
| Dew Point  | i        | 68    | 39521         |              | 237                                                | 73     | 25.6          | 9.3     | 85            |                | 730            | 1            | . 4          | 71.          | 7                |                |         |                                              |                |                |                                       | - 9   |

| 6192                       | FORT S           | 4114  |       |          |        |         |            | 57          | -66       |                                                |         |                                        |                   |              |                |         | C          |       |
|----------------------------|------------------|-------|-------|----------|--------|---------|------------|-------------|-----------|------------------------------------------------|---------|----------------------------------------|-------------------|--------------|----------------|---------|------------|-------|
| 1.14.1                     |                  |       | s*    | ATION NA | ME     |         |            |             |           |                                                |         | YE                                     | AR5               |              | 0.465          |         | MONT       |       |
|                            |                  |       |       |          |        |         |            |             |           |                                                |         |                                        |                   |              | PAGE           | 1       | 0900-      | 1 ] U |
| Temp.                      |                  |       |       |          | WET    | BULB T  | EMPERAT    | URE DEP     | ESSION    | (F)                                            |         |                                        |                   |              | TOTAL          |         | TOTAL      |       |
| (F)                        | 0 1 - 2          | 3 - 4 | 5 - 6 | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14 15 | - 16 17 - 1 | 8 19 - 20 | 21 - 22 2                                      | 23 - 24 | 25 - 26                                | 27 - 28 29        | - 30 ≥ 31    | D.B. W.B. D    | ry Bulb | Wer Bulb D | ew Pa |
| 66/ 65                     |                  |       | -     |          | . 1    |         |            |             |           |                                                |         |                                        |                   |              | 1              | 1       |            |       |
| 64/ 63                     |                  |       |       | . 1      |        | • 1     |            |             |           | L                                              |         | i                                      |                   |              | 2              | 2.      |            |       |
| 527 61                     |                  |       |       |          | . 1    |         |            |             |           |                                                |         |                                        |                   |              |                | 1       |            |       |
| 58/ 57                     |                  |       | . 1   |          |        | l       |            |             |           |                                                |         | 1                                      |                   |              | 1              | 1       |            |       |
| 55/ 55                     |                  |       | . 5   | . 3      | . 1    |         |            |             |           |                                                |         |                                        |                   |              | 9              | 9       | 5          |       |
| 54/ 53                     |                  | • 1   | . 2   | . 6      | . 3    | . 2     |            |             |           |                                                |         | 11                                     |                   |              | 14             | 14      |            |       |
| 527 31                     | -                | . 1   |       | . 3      | . 2    | }       | ĺ          | 1           |           | i   [                                          |         | Ţ                                      | _   _             | )            | 16             | 16      | 3          |       |
| 00/ 49                     | • 1              |       |       | . 4      | . 1    |         |            |             |           | <u> </u>                                       |         |                                        |                   |              | 18             | 18      | 6          |       |
| 48/ 47                     | .1 .4            |       | í - i |          |        |         |            |             |           | 1 T                                            | _       | ]                                      | _                 |              | 21             | 21      | 12         |       |
| 46/ 45                     | •2 •2            | .6    |       | • 1      |        | i       |            |             |           |                                                |         |                                        |                   |              | 19             | 19      | 24         |       |
| 44/ 43                     | .3 1.7           | 1.2   | 1.3   |          | j      | i       |            |             |           |                                                |         |                                        | ĺ                 | ļ            | 4.2            | 42      | 40         |       |
| 42/ 41                     | .3 2.8           | 1.4   | 1.2   | • 1      |        |         |            |             |           | 11                                             |         |                                        |                   |              | 54             | 54      | 35         |       |
| 10/ 39                     | .4 2.6           |       | . 2   |          |        |         |            |             |           |                                                |         |                                        |                   |              | 60             | 60      | 36         |       |
| 8/ 37                      | .2 3.3           |       | . 5   | 1 1      |        |         |            |             | 1         |                                                |         | li                                     |                   |              | 59             | 59      | 58         |       |
| 36/ 35                     | 1.6 4.6          |       | ,,    | ) j      | - 1    | · ·     | j          |             |           |                                                |         | ' i                                    | 1                 | ļ            | 83             | 83      | 8.5        |       |
| 34/ 33                     | 1.9 5.1          | 1.0   |       | li       |        |         |            |             |           | <u> </u>                                       | _       |                                        | - :               | ,<br>1.      | 74             | 74      | 86         | 4     |
| 327 31                     | 1.6 6.8          |       | ,     |          | Ī      |         |            |             |           |                                                |         |                                        | 1                 |              | 84             | 84      | 91         |       |
| 30/ 29                     | 1.1 5.5          |       |       | i i      |        |         |            |             |           |                                                |         |                                        | ii                | <u> </u>     | 68.            | 68      | 77         | •     |
| 28/ 27                     | 2.0 5.3          |       |       | i į      | i      |         |            |             |           |                                                |         |                                        |                   |              | 75             | 75      | 84         |       |
| 26/ 25                     | 1.1 4.1          |       |       |          | \      | 1       |            |             |           |                                                |         | <u>i</u> 1                             |                   | _ i          | 53             | 53      | 60         |       |
| 24/ 23                     | 1.4 3.4          |       |       |          | Į      |         | - 1        | -           |           | ГТ                                             | _       | 1                                      | ĺ                 | 1            | 46             | 46      | 59         | ~~~   |
| 22/ 21                     | 1.0 2.4          |       |       | ii       | i      | [       |            |             | j         | <u> </u>                                       |         | i                                      |                   |              | 37             | 32      | 43         |       |
| 20/ 19                     | 1.4 2.2          |       | 1     |          |        | Į.      |            | İ           | Ì         | 1 !                                            |         | 1                                      |                   | į            | 33             | 33      | 28         |       |
| 18/ 17                     | .8 1.6           |       | !     | 1        |        | · 1     |            |             |           | <u>i                                      </u> |         |                                        |                   |              | 22             | 22      | 31         |       |
| [67 [5]                    | . ম . 5          |       |       |          |        |         | 1          | 1           |           | 1 1                                            |         | 1                                      |                   | İ            | 12             | 12      | 15         |       |
| 14/ 13                     | . 2 . 8          |       |       | l :      |        | i       | 1.         |             |           | لـــــــــــــــــــــــــــــــــــــ         |         |                                        |                   |              | 9              | 9       | 9          |       |
| 12/ 11                     | .5 .6            |       |       | . i      | i      |         |            | 1           |           |                                                |         | ! i                                    |                   |              | 11             | 11      | 12         |       |
| 10/ 9                      | •4 •2            |       | :     |          |        | :       |            | - !         | .i        | 11                                             |         | <u>i</u>                               |                   |              | 6              | 6       | 8,         |       |
| 87 7                       | _1               |       |       | l i      | i      | i       | į          |             |           | 1                                              |         |                                        |                   | 1            |                |         | 1          |       |
| 6/ 5                       | • 2 <sub>1</sub> |       | į     | ll       |        |         |            |             | 1         | 11                                             |         |                                        |                   |              | 2              | 2       | 2          |       |
| 4/ 3                       |                  |       |       | ! i      | i      | į       |            |             |           |                                                |         |                                        |                   |              |                | . [     |            |       |
| 2/ 1                       | • 1              |       |       | i l      |        |         |            |             | J         | 11                                             |         | 1                                      |                   |              | 1              | 1       | 1          |       |
| -2/ -3                     | •1               |       |       |          | ŀ      | i       | 1          |             |           |                                                |         |                                        |                   |              | 1              | 1       | 1          |       |
| -6/ -7                     | · · ·            |       |       |          |        |         |            | <del></del> |           | <u> </u>                                       |         | لـــــــــــــــــــــــــــــــــــــ | <del></del>       |              |                |         |            |       |
| Element (X) :<br>Rei. Hom. | Σ X,             |       | –     | z x      |        | . X     |            | No. (       | JD\$.     |                                                |         | : 32 F                                 | Mean No<br>≥ 67 F |              | th Temperatur  |         | ·          | otal  |
| Dry Bulb                   |                  |       |       |          |        |         |            |             |           | - 5 P                                          | +-      | 7 32 F                                 | 7 D/ F            | ≥ 73 F       | 2 80 5         | ≥ 93 F  |            |       |
| 217 0010                   |                  |       |       |          |        |         |            | +           |           |                                                | +       |                                        |                   | <del> </del> | · <del> </del> |         |            |       |

USAFETAC FORM 0.26-5 (OL A)

CATA PROCESSING DIVISION USAF ETAG AIR MEATMER SERVICEMMAC

#### **PSYCHROMETRIC SUMMARY**

| 6102           | E Uh        | T SMI        | Th_1   |       | DUT   |               | ·<br>        |                                                  |             | 57-                                              | 66      | <del></del> |                |             | YEARS                |         |         |          |          |          |          |        |
|----------------|-------------|--------------|--------|-------|-------|---------------|--------------|--------------------------------------------------|-------------|--------------------------------------------------|---------|-------------|----------------|-------------|----------------------|---------|---------|----------|----------|----------|----------|--------|
|                |             |              |        | J.,   |       |               |              |                                                  |             |                                                  |         |             |                |             |                      |         |         |          | PAG      | 2        | 0900     | -110   |
| Temp.          |             |              |        |       |       |               |              | TEMPERA                                          |             |                                                  |         |             |                |             |                      |         |         |          | TOTAL    |          | TOTAL    |        |
| (F)            |             | . 2 3 -      | 4 5    | - 6   | 7 - 8 | 9 - 10        | 11 - 12      | 13 - 14                                          | 15 - 16     | 17 - 18                                          | 19 - 20 | 21 - 2      | 23 - 2         | 4 25 - 2    | 6 27 - 3             | 28 29 - | 30 ≥    | 31 ,0    | .B. W.B. | Dry Bulb | Wet Bulb | Dew Po |
| 127-13         | • 1         |              |        | - 1   |       |               |              |                                                  |             |                                                  |         |             |                | }           |                      |         |         | 1        | 1        | 1        | 1.       |        |
| 18/-19<br>UTAL | 1,8.05      |              |        | -     | 7 6   |               | -            | -                                                |             |                                                  |         |             | ↓              |             |                      |         | _       | _        |          | 75.      | <u> </u> | A 18   |
| QTAL           | 70.00       | a • all ()   | • 9    | 7     | 4.5   | 1.0           | . 3          | 1                                                |             |                                                  |         |             | i              |             | }                    | 1       |         | 1        | 930      | 930      | 930      | 93     |
|                | ·           |              |        |       |       |               | ļ            | <b>├</b>                                         |             |                                                  |         |             | <del> </del>   | +           |                      |         |         | $\dashv$ | וווניי   |          | 73(1     |        |
|                |             |              | 1      | - 1   |       |               | 1            |                                                  |             |                                                  |         |             |                |             |                      |         |         | ł        |          |          | <br>     |        |
|                | · - ·       |              |        |       |       |               | ·            |                                                  |             | <del>  </del>                                    |         |             | <del> </del>   |             | <del></del>          |         |         | -+       |          |          |          |        |
|                | 1           | i            |        |       |       |               |              | : 1                                              |             |                                                  |         |             |                | 1           |                      |         |         | 1        |          |          |          |        |
|                | ·           |              |        |       |       |               | <del> </del> |                                                  |             | <del>                                     </del> |         |             | -              | +           | +                    | +-      |         | -+       |          |          | ļ        |        |
| 1              |             | i            |        | İ     |       | ı             | 1            |                                                  |             | i (                                              |         |             |                | İ           |                      |         |         |          |          |          | :<br>    |        |
|                |             | <del></del>  | +      | -     |       |               | <del></del>  | ·                                                |             |                                                  |         | -           | †              | +           | +                    | +       | -       |          |          |          |          |        |
|                | !           | i            |        |       | ļ     |               | ]            |                                                  |             | 1                                                |         |             |                | !           | i                    |         | 1       | ļ        | i        |          | . !      |        |
|                | <del></del> |              | +      | -+    |       |               | <del> </del> | <del>                                     </del> | -           | $\leftarrow$                                     |         |             |                | +           | +                    | +-      |         | -+       |          |          | <u> </u> |        |
|                |             | 1            |        | - 1   | ļ     |               |              | . !                                              |             | . ,                                              |         |             | :              | !           | -                    | !       | i       | 1        |          |          |          |        |
|                | : : -       | *            |        | +     |       |               | <del> </del> | <del> </del>                                     |             | : :                                              |         | –           | •              | <del></del> | 1                    | +       |         |          |          |          |          | -      |
|                | :           |              | !      | 1     | 1     |               | Ì            | 1 1                                              |             | į                                                |         | l           |                | 1           | i                    | ;       |         |          |          |          |          |        |
| •              |             | <del>-</del> |        |       |       |               | +            |                                                  |             | † ·                                              |         |             |                | -           |                      |         | -       |          |          |          | + +      |        |
|                | 1           |              | 1      | 1     |       |               | ì            | :                                                |             |                                                  |         | !           |                | 1           |                      | i       | 1       | 1        |          |          |          |        |
|                |             | : -          |        | i     |       |               | -            |                                                  |             | • •                                              |         |             | 1              | ;           |                      | 1       |         |          |          |          | •        |        |
|                |             | 1.           |        | Į.    |       | l             |              |                                                  |             | 1                                                |         |             | <u> </u>       | 1           | 4                    |         |         |          | !        |          |          |        |
|                | 1           |              |        | i     |       |               |              |                                                  |             |                                                  |         | ĺ           | Ī              | -           | i                    | 1       | - 1     | - 1      |          |          |          |        |
|                | . 1         |              |        |       | !     |               |              | 11.                                              |             | ll                                               |         | L           | ļ              |             |                      | _       |         | . 1      |          |          |          |        |
|                |             |              |        | 1     |       |               |              | : 1                                              |             | 1                                                |         |             |                | ļ           |                      | į       |         |          | !        |          |          |        |
|                |             | į .          |        | 1     |       |               | 1000         |                                                  |             |                                                  |         |             | 1              | -           |                      | •       |         |          |          |          |          |        |
|                | I.          |              |        |       |       |               |              |                                                  |             |                                                  |         |             | i              |             |                      | i       |         |          |          |          |          |        |
|                | ·           |              |        | _ :   |       |               |              | ·}                                               |             | ļ                                                |         |             | <del> </del>   |             | +                    | +       |         | _ 1      |          |          | ٠.       |        |
|                |             | į            |        | - 1   |       |               | 1            | 1                                                |             |                                                  |         |             |                | -           | !                    |         |         |          | ;        |          |          |        |
|                |             | 1            |        | -     |       | · <b>-</b>    | ł            | ļ <del>ļ</del>                                   |             | <del> </del>                                     |         |             | · <del> </del> | - +         | -↓                   | + -     |         | - +      | - •      |          |          |        |
|                |             |              |        | 1     |       | ì             |              | ; 1                                              |             |                                                  |         |             |                |             | 1                    |         |         |          |          |          |          |        |
|                |             | •            | •      |       |       |               |              | ļ · j                                            |             | <del> </del>                                     |         |             | ·              | ·           | · <del> </del> · · · |         |         | •        |          |          | •        |        |
|                |             |              |        |       |       |               |              | . 1                                              |             |                                                  |         |             |                |             |                      | 1       |         |          |          |          |          |        |
| i              |             |              | •      | · - • |       |               | <del></del>  | 1                                                |             | <del>                                     </del> |         |             |                | + -         | •                    |         | • •     |          |          |          |          |        |
|                |             |              | 1      |       |       |               | i            |                                                  |             |                                                  |         |             |                |             |                      |         |         |          |          |          |          |        |
| Element (X)    |             | x,           | $\neg$ |       | ×     | ` <del></del> | X.           | · · · · ·                                        | $\neg \neg$ | No. Ob                                           |         |             | -              |             | Mea                  | No. o   | f Hours | with     | Temperat | ure      |          |        |
| Ret. Hum.      |             | 62777        |        |       | 756   |               | 81.4         | 11.40                                            | 54          |                                                  | 30      | <u>.</u> 0  |                | · 32 F      |                      | 67 F    | . 73    | F        | . 80 F   | . 93 1   | FT       | otal _ |
| Dry Bulb       |             | 10940        |        | -     | 305   |               |              | 9.9                                              |             | 9                                                | 30      |             | • 2            | 45.         |                      |         |         | •        |          | 1        |          | 7      |
| Wet Buib       | [           | 7556         |        |       | 286   |               |              | 8.7                                              |             | 9                                                | 30      |             | ٠Z             | 52.         |                      | 7       |         | . !      |          |          |          | 9      |
| Dew Point      |             | 7747         | 00     |       | 255   | 34            | 27.5         | 8.9                                              | 7           | 7                                                | 30      |             | . 3            | 65.         | 3                    | - •     |         | •        |          | 1        | 1        | . 4    |

USAFETAC FORM 0.26-5 (OL.A). REVIND MEYAND FORMAND FORMARE UNDURING THE NO. 64.

| 6102                    | FIRT S    | MITH     | No T  | TION NA      | APT      | <u> </u>     | -                |                                                  | 57-6       | 6      |              |              |               | AR5              |          |                                                  |                |          | mos.<br>∪C     |     |
|-------------------------|-----------|----------|-------|--------------|----------|--------------|------------------|--------------------------------------------------|------------|--------|--------------|--------------|---------------|------------------|----------|--------------------------------------------------|----------------|----------|----------------|-----|
| şfar y                  |           |          | s*    | ATION NA     | ME       |              |                  |                                                  |            |        |              |              | T.            | AK3              |          |                                                  | PAGE           | 1        | 1200-<br>HOURS | 14  |
| Temp.                   |           |          |       |              | WET      | BULBT        | EMPER            | ATURE                                            | E DEPRES   | SION ( | F)           |              |               |                  |          |                                                  | TOTAL          | ,        | TOTAL,         | _   |
| F                       | 0 1 - 2   | 3 - 4    | 5 . 6 | 7 - 8        | 9 - 10   | 11 - 12      | 13 - 14          | 15 - 16                                          | 5 17 - 18  | 9 - 20 | 21 - 2       | 2 23 - 2     | 4 25 - 26     | 27 - 28          | 29 - 30  | ≥ 31                                             | D.B. W.B. Dr   | Bulb     | Wet Bulb D     | ا س |
| 68/ 67                  |           |          |       | - 1          |          | 1 1          | . 3              |                                                  | 1          |        |              |              | 1 '           | 1 1              |          |                                                  | 3              | 3        |                |     |
| 66/ 65                  |           |          |       |              |          | • 1          | • 1              |                                                  | <u> </u>   |        |              | <del> </del> | <del></del> - |                  |          |                                                  | 2              | 2        |                |     |
| 54/ 63                  |           |          | :     |              | •        | . 2          | • 1              | l • }                                            | <u>+</u> 1 |        |              |              |               |                  |          |                                                  | l ái           | ).<br>4. |                |     |
| 62/ 61                  |           |          |       |              |          |              | - <del>-</del> 1 | -                                                |            |        |              | <del>-</del> |               |                  |          |                                                  | 19             | 10       | - •            |     |
| 60/ 59                  |           |          |       | . 3          |          |              | • 1              | 1                                                | ! }        |        | !            | 1            |               | : 1              |          | <br> -                                           | 14             | 14       |                |     |
| 58/ 57<br>56/ 55        |           |          | . 3   |              | 1.3      |              | • 2              | †                                                |            |        |              | .            |               | ļ <del>-  </del> |          |                                                  | 28             | 28       |                |     |
| 54/ 53                  | !         |          | . 3   | 9            |          |              | • •              | 1                                                | 1          |        | i            | 1            | :             |                  |          |                                                  | 15.            | 15.      | 7              |     |
| 52/ 51                  |           | 3        | . 8   |              | •        |              |                  | <del> </del>                                     | +          |        | <del> </del> | +-           | +             |                  |          | <del>                                     </del> | 22             | 22       | 13             |     |
| 50/ 49                  | :         | . 4      | . 8   |              |          | 2            |                  |                                                  |            |        |              |              | i             | : ]              |          |                                                  | 28             | 28       | 18             |     |
| 48/ 47                  | •1 •3     | 1.2      | 1.9   | .6           |          |              |                  | 1                                                |            |        | <u> </u>     | <del>1</del> | +             |                  |          |                                                  | 47             | 42       | 25             |     |
| 46/ 45                  | . 8       | 1.8      | 2.7   | 1.2          | • 1      | ı l          |                  |                                                  |            |        |              |              | 1             | 1                |          |                                                  | 61             | 61       | 44             |     |
| 44/ 43                  | •1 1.3    | 1.5      | 1.9   | . 5          |          |              |                  | i                                                |            |        |              | 1            |               |                  |          | !                                                | 50             | 50       | 46             |     |
| 42/ 41                  | -1 1.0    | 1.4      | 1.2   | .9           |          |              |                  | l                                                | - i        |        | l            |              |               |                  |          |                                                  | 52             | 52       | 64             | _   |
| 07 39                   | • 3 2 • 2 | 2.4      | . 9   | .4           |          |              |                  |                                                  |            |        |              |              | ī             | 1 1              |          | 1                                                | 57             | 57       | 74             |     |
| 38/ 37                  | •1 2.5    | 2.7      | . 4   |              |          |              |                  |                                                  |            |        |              | 1            | <u> </u>      |                  |          | !<br>                                            | 53             | 53       | 71             |     |
| 36/ 35                  | .6 2.7    | 3.2      |       |              |          |              |                  | 1                                                |            |        |              |              | 1             |                  |          | }                                                | 75             | 61       | 67<br>85       |     |
| 34/ 33                  | 1.6 4.0   |          |       |              |          |              |                  | ļ                                                | 1          |        | <b>.</b>     |              | <u> </u>      | 1                |          | <u> </u>                                         | 74             | 75<br>74 | 97             | -1  |
| 32/ 31                  | 1.1 5.2   |          |       | i            |          |              |                  |                                                  |            |        |              |              |               |                  |          |                                                  | 62             | 62       | 51             |     |
| 30/ 29                  | .4 4.9    |          |       |              |          | ļ            |                  | <u> </u>                                         |            |        | ļ            | 4            |               |                  |          |                                                  | 41             | 41       | 54             |     |
| 28/ 27                  | .4 4.9    |          |       | 1            |          | 1            |                  |                                                  | 1 1        |        |              |              | 1             | 1 1              |          | Ì                                                | 53             | 53       | 54             |     |
| 26/ 25                  |           | .)       |       |              |          |              |                  | ł                                                | +          |        | -            | +            |               |                  |          |                                                  | 37             | 32       | 54             | _   |
| 24/ <b>23</b><br>22/ 21 | 1.0 1.6   | 1 - 1    |       |              |          |              |                  |                                                  |            |        |              |              |               |                  |          |                                                  | 26             | 26       | 32             |     |
| 20/ 19                  | 4 2.2     |          |       | <del> </del> |          | <del> </del> |                  | <del> </del>                                     | +          |        | -            | +            | <del></del>   |                  |          |                                                  | 24             | 24       | 26             | _   |
| 18/ 17                  | .4        | 1 :      |       | 1            |          |              |                  |                                                  |            |        |              |              |               |                  |          |                                                  | 8              | 8        | 16             |     |
| 10/ 15                  | 1.3       |          |       |              |          | <del> </del> |                  |                                                  | + + +      |        |              | +            |               |                  |          |                                                  | 12             | 12       | 8              | _   |
| 14/ 13                  | 1 4       |          |       | l            |          |              |                  |                                                  |            |        |              |              | į.            |                  |          |                                                  | 5              | 9        | 10             |     |
| 12/ 11                  |           |          | ļ     |              |          | +            |                  | <del>                                     </del> | + +        |        | t —          | $\top$       | +             | 1                |          |                                                  | 1              | 1        | 2              | _   |
| 10/ 9                   |           | 1        |       |              | !        |              |                  |                                                  |            |        |              |              | 1             |                  |          |                                                  |                |          | 1              |     |
| 87 7                    |           | <b>u</b> |       |              |          | 1            |                  | 1                                                | 1          |        | 1            | 1            | 1             |                  |          |                                                  | 1              | 1        | 1              |     |
| 6/ 5                    |           | 1        |       |              |          | i .          |                  |                                                  | 1 1        |        |              | $\perp$      |               |                  |          | L                                                |                |          |                |     |
| יואני                   | 7.143.0   | 22.5     | 11.2  | 8.7          | 4.       | 4 2.2        | • 5              | •                                                | 1          |        |              |              |               |                  |          |                                                  | 930            | 930      | 930            | •   |
| lement (X)              | Σχ²       | -        |       | ΣX           | <u> </u> | X.           | •,               |                                                  | No. Ob     |        |              |              |               | Mean N           | lo. of H | ours wi                                          | th Temperature | •        |                | _   |
| Rel. Hum.               |           | 34775    |       | 684          |          | 73,6         |                  |                                                  |            | 30     | ≤ (          | F            | ≤ 32 F        | z 67             |          | 73 F                                             | ≥ 80 F         | ≥ 93 F   |                | tal |
| Dry Bulb                |           | 13625    |       | 345          |          | 37.1         |                  |                                                  |            | 30     |              |              | 33.9          |                  | . 3      |                                                  |                |          |                |     |
| Wet Bulb                |           | 59191    |       | 313          |          | 33.7         | 1                |                                                  |            | 30     |              |              | 41.6          |                  |          |                                                  |                |          |                |     |
| Dew Point               | 83        | 33097    |       | 267          | AI       | 28.8         | 8.               | 124                                              |            | 30     |              |              | 60.7          | <u> </u>         | -        |                                                  |                |          |                |     |

FORM 0.26.5~(OLA) revised previous editions of this form are obsolete. Jul 64

PATA PROCESSING DIVISION USAF ETAG AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

TOP FORT SMITH NWT DBT APT 57-66 20102 MONTH STATION NAME STATIN PAGE 1 1500-1700 HOURS IL. S. T. TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 68/ 67 66/ 65 64/ 63 • 1 1 3 • 1 9 9 . 5 . 1 62/ 61 . 3 17 17 . 6 60/ 59 24 24 1.0 58/ 57 18 18 56/ 55 54/ 53 18 18 . 3 . 8 52/ 51 . 2 37 37 29 . 3 1.3 . 1 50/ 49 37 36 36 2.7 48/ 47 49 49 46/ 45 .8 1.4 55 41 19 .9 2.5 1.7 1.4 2.6 .8 33 52 52 38 . 8 . 8 42/ 41 .4 2.8 1.0 .2 2.6 2.7 .9 2.2 4.1 1.1 4.3 1.7 1.1 4.6 1.7 84 43 58 38 40/ 39 1.2 64 52 48 52 38/ 37 • 1 74 67 67 66 36/ 35 • 1 79 96 66 66 34/ 33 101 75 80 70 70 32/ 31 66 62 .4 4.6 2.0 30/ 29 49 49 72 88 -9 .8 3.5 287 27 41 58 73 41 .5 3.3 . 5 26/ 25 42 67 45 46 24/ 23 . 3 58 22 22 . 8 • 1 22/ 21 1.5 17 12 45 2 1.5 20/ 19 18/ 17 •1 12 12 18 34 .2 1.0 . 1 21 12 8 . 8 16/ 15 • 1 6 14 14/ 13 12/ 11 . 3 10 16 10/ 9 3 87 61 47 -T 3 2/ Mean No. of Hours with Temperature ΣX No. Obs. Element (X) Total ≥ 67 F ≥ 73 F ≥ 80 F : 32 F Rel. Hum. Dry Bulb Wet Bulb Dew Point

FORM ARE REVISED PREVIOUS EDITIONS OF THIS â 9 0.26.5

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

261)2 FURT SMITH NWT DOT APT 57-66 100TH

STATION NAME YEARS PAGE 2 1500-1700
HOURS IC. S. T. I.

|             |                          |               |                                        | FT 0111 D   | 75DFD.                                           | T.1.D.E | 25225   |         |           |         |          |                                                  |         |          | T                                                |                                                  |          | L. S. T.      |
|-------------|--------------------------|---------------|----------------------------------------|-------------|--------------------------------------------------|---------|---------|---------|-----------|---------|----------|--------------------------------------------------|---------|----------|--------------------------------------------------|--------------------------------------------------|----------|---------------|
| Temp.       |                          |               | ,, <u>"</u>                            | ETBULB      | TEMPERA                                          | TURE    | DEPRES  | SSION ( | F)        |         | ,        |                                                  |         | <b>,</b> | TOTAL                                            |                                                  | TOTAL    |               |
| (F)         | 0 1 - 2 3<br>전•이40 • 324 | - 4 5 - 6     | 7-8 9-                                 | 10 11 - 12  | 13 - 14 1                                        | 5 - 16  | 17 - 18 | 19 - 20 | 21 - 22   | 23 - 24 | 25 - 26  | 27 - 28                                          | 29 - 30 | 2 3 I    | D.B. W.B.                                        | Dry Bulb                                         | Wet Bulb | Dew Po        |
| JATU        | * • 0140 • 3124          | • • • 11 • 0  | 8.5                                    | .1 3.2      | 1.4                                              | • 1     | ĺ       |         |           |         |          | İ                                                | ľ       |          |                                                  | 930                                              | Ī        | 93            |
|             |                          |               |                                        |             | 1                                                | -       | }       |         |           |         | ļ        |                                                  |         |          | 930                                              | ı                                                | 930      | ļ             |
|             |                          | • • -         |                                        |             |                                                  |         |         |         |           |         |          | <del>                                     </del> |         |          |                                                  |                                                  | -        | <del></del> - |
|             |                          |               |                                        | i           |                                                  | 1       |         |         |           |         |          |                                                  | ĺ .     |          | -                                                | 1                                                | !        |               |
| ···         |                          | •             | ·                                      |             | <del>                                     </del> |         |         |         | +         |         | ├        |                                                  |         |          |                                                  |                                                  |          |               |
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|             | ' ;                      |               | 1                                      |             | 1 1                                              | l       | i       |         | l l       |         | ļ        |                                                  |         |          | i i                                              |                                                  |          |               |
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|             |                          | <del></del> - |                                        | <del></del> | <del></del>                                      |         |         |         |           |         |          | <del> </del>                                     |         |          |                                                  |                                                  |          |               |
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|             |                          |               |                                        | _           |                                                  |         |         |         | <b></b> _ |         | ļ        | L                                                |         |          |                                                  |                                                  |          | ļ             |
|             |                          |               | j l                                    |             |                                                  | 1       |         |         |           |         | 1        |                                                  |         |          |                                                  |                                                  |          | i             |
| !           |                          | . i :         |                                        |             | L. I.                                            | j       | j       |         |           |         | ĺ        | 1                                                |         |          |                                                  |                                                  | Į        |               |
|             |                          |               |                                        |             |                                                  |         |         |         |           |         |          |                                                  |         |          | <del>                                     </del> |                                                  |          |               |
|             |                          |               | 1                                      | -           |                                                  |         | 1       |         | i         |         |          |                                                  |         |          |                                                  |                                                  |          | !             |
|             |                          | :             |                                        |             |                                                  | +       |         |         |           |         | <u> </u> | -                                                |         |          |                                                  |                                                  | L        |               |
|             |                          |               |                                        |             | 1                                                | 1       | - 1     |         |           |         | 1        | 1                                                |         |          |                                                  |                                                  |          |               |
|             | · · · · · - <del>i</del> |               | <b>├</b>                               |             | ļ                                                |         |         |         |           |         | L        |                                                  |         |          | i                                                |                                                  |          | L             |
|             |                          | i             |                                        | 1           |                                                  |         |         |         | ı         |         |          | i i                                              |         |          | j '                                              |                                                  |          | i             |
|             |                          |               |                                        |             |                                                  |         |         |         |           |         |          |                                                  |         |          | l_ i                                             |                                                  |          |               |
| Ì           |                          | 1             | ! ]                                    | Ì           | ) )                                              | ì       | 1       |         | i         |         |          | ]                                                |         |          |                                                  |                                                  |          |               |
|             |                          |               |                                        |             |                                                  |         | - 1     |         |           |         | ĺ        |                                                  |         |          |                                                  |                                                  |          |               |
|             |                          | •             |                                        |             |                                                  |         |         |         |           |         |          |                                                  |         |          |                                                  |                                                  | ·        | •             |
|             |                          |               | 1                                      |             |                                                  | - 1     | - 1     |         | 1         |         | ļ        |                                                  |         |          | 1                                                |                                                  |          |               |
|             |                          |               | ··                                     |             | <del></del>                                      |         |         |         |           |         |          |                                                  |         |          | <del> </del>                                     |                                                  |          |               |
|             |                          |               |                                        | -           | i i                                              |         | i       |         |           |         |          |                                                  |         |          | i I                                              |                                                  |          |               |
| :           |                          | ·-            |                                        |             | <b>├</b>                                         | -       |         |         |           |         | L        |                                                  |         |          |                                                  |                                                  |          |               |
|             |                          |               | )                                      | Ì           | 1 !                                              | - 1     | ì       |         |           |         |          | ì i                                              |         |          | ) )                                              |                                                  |          | !             |
|             |                          |               | i1                                     |             |                                                  |         |         |         |           |         |          |                                                  |         |          |                                                  |                                                  |          |               |
|             | 1                        |               |                                        |             |                                                  |         |         |         |           |         |          |                                                  |         |          |                                                  |                                                  |          |               |
|             |                          | 1             | l i                                    | - (         |                                                  |         | i       |         |           |         |          | ļ [                                              |         |          | 1 1                                              |                                                  |          |               |
|             | — ;                      |               |                                        |             | t                                                |         |         |         |           |         |          |                                                  |         |          | t                                                |                                                  |          |               |
|             |                          |               |                                        |             |                                                  |         |         |         |           |         |          | ] [                                              |         |          |                                                  |                                                  |          |               |
|             |                          | · i           |                                        |             | ┼─┼-                                             |         |         |         |           |         |          |                                                  |         |          |                                                  |                                                  |          | L             |
| ,           |                          |               |                                        | 1           | 1                                                |         | 1       |         | 1         |         |          | ì Ì                                              | l ì     |          | )                                                |                                                  |          |               |
|             |                          |               | ــــــــــــــــــــــــــــــــــــــ |             |                                                  | _,      |         |         |           |         | L        | لــــــــــــــــــــــــــــــــــــــ          |         |          | L                                                |                                                  |          |               |
| Element (X) | Σχ'                      |               | Σχ                                     | <u> </u>    | , "x                                             |         | No. Obs |         |           |         |          | Mean N                                           |         |          | Temperat                                         | ure                                              |          |               |
| Rel. Hom.   | 5193                     |               | 68035                                  |             | 15.25                                            |         | 93      |         | ± 0 F     |         | 32 F     | e 67                                             | F       | 73 F     | ≥ 80 F                                           | ≥ 93 F                                           | : T -:   | Total         |
| Dry Bulb    | 1409                     |               | 34740                                  |             | 10.98                                            |         | 93      | 30      |           |         | 33.9     |                                                  | • 1     |          | T                                                | 1                                                |          | 9             |
| Wer Bulb    | 11358                    | 159           | 31471                                  | 33.8        | 8.73                                             | 3       | 9:      | 30      |           |         | 40.9     |                                                  | _       |          | <del> </del>                                     | <del>                                     </del> |          | 9             |
| Dew Point   | 8364                     |               | 26823                                  | 28.8        | 8.22                                             | 1       | 9:      | 30      |           |         | 60.7     |                                                  |         |          |                                                  | +                                                |          | 9             |
| 1           |                          |               |                                        |             |                                                  | -(      |         |         |           | l l     |          | t .                                              |         |          | 5                                                | 1                                                | 1        |               |

USAFETAC FORM 0.26-5 (OLA) REVISED MEYODUS EDITIONS OF

DATA PROCESSING DIVISIUN USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

1

FORT SMITH NWT DOT APT 57-66 TOC MONTH 1800-2000 PAGE 1 HOURS IL. S. T.) WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | r 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. 60/ 59 58/ 57 . 1 . 1 567 55 . 3 54/ 53 . 2 10 10 1.2 52/ 51 .8 16 25 . 2 . 2 16 50/ 49 48/ 47 25 1.4 24 27 23 • Z 25 25 1 9 28 45 53 46/ 45 28 . 2 1.2 2.3 44/ 43 45 14 42/ 41 53 24 40 40/ 39 .9 3.1 2.6 31 53 76 67 67 1.8 38/ 37 56 56 77 1.1 4.5 2.3 4.1 1.3 5.4 75 36/ 35 2.5 74 34/ 33 32/ 31 96 91 64 64 1.1 75 75 67 87 2.6 5.8 1.1 1.5 5.8 .6 1.5 5.5 82 73 30/ 29 88 88 87 28/ 27 74 74 72 26/ 25 24/ 23 65 65 87 67 25 44 49 22/ 21 20/ 19 18/ 17 16/ 15 1.8 1.8 .8 1.3 .2 1.1 51 22 13 34 34 57 56 27 19 19 .5 12 13 13 12 24 19 14/ 13 12 13 12 ĪI 17/ II 9 10/ 5 13 5 7 87 10 . Z 6/ 2 7 47 7 2/ 1 .1 -2/ -3 44/ 45 2 Element (X) X No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10 F : 32 F ≥ 67 F ≥ 73 F > 80 F ≥ 93 F Dry Buib Wet Bolb

0.26-5 (OL A) MON.

Dew Point

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DATA PROCESSING DIVISION USAF ETAC AIR FEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

26102 FERT SMITH NWT DOT APT 57-66

PAGE 2 1800=2000
HOURS (LL S. T.)

| Temp.       |      |       |             |              |       | WET    | BULB 1       | EMPER.  | ATURE      | DEPRE   | SSION ( | F)      |         |         |          |           |           | TOTAL     |          | TOTAL    |             |
|-------------|------|-------|-------------|--------------|-------|--------|--------------|---------|------------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|----------|----------|-------------|
| (F)         | 0    | 1 - 2 | 3 - 4       | 5 - 6        | 7 - 8 | 9 - 10 | 11 - 12      | 13 - 14 | 15 - 16    | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28  | 29 - 30   | ≥ 31      | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Po      |
| UTAL        | 18.2 | 52.0  | 18.7        | 7.6          | 2.3   | 1.0    | .2           |         |            |         |         |         |         |         |          |           |           |           | 930      |          | 93          |
|             |      |       | ĺ           |              |       |        | (            |         |            |         |         | 1       |         | i i     |          |           |           | 930       | _        | 930      |             |
|             |      |       |             |              |       |        |              |         |            |         |         |         |         |         |          |           |           |           | -        |          | <del></del> |
|             |      |       | 1           |              |       |        |              | ļ       |            |         |         |         |         |         |          |           |           |           | i        |          | į           |
|             |      |       |             | -            |       |        | <u> </u>     |         |            |         |         |         |         |         |          |           |           |           |          |          |             |
|             | i    |       |             |              |       |        |              |         |            |         |         | - 1     |         |         |          |           |           |           |          |          |             |
|             |      |       | <u></u>     | <del> </del> |       |        |              |         |            |         |         |         |         |         |          |           |           |           |          |          |             |
| j           |      |       | 1 .         |              | ,     |        |              |         |            |         |         |         |         |         |          |           |           | ,         |          |          | į           |
|             |      |       |             |              |       |        | <del> </del> |         |            | ├       |         |         |         |         |          |           |           |           | -        |          |             |
| (           |      |       |             | ļ            |       |        |              | ł       |            |         |         |         |         |         |          |           |           |           |          |          |             |
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|             |      |       | L           |              |       |        |              |         |            | -       |         |         |         |         |          |           |           | ļ         |          |          |             |
|             | !    |       |             |              |       |        | 1            |         |            |         |         |         |         | j       |          |           |           |           |          |          |             |
|             |      |       |             |              |       |        |              |         |            |         |         |         |         |         |          |           |           | 1         |          |          | İ           |
|             | i    |       | İ           |              |       |        |              |         |            |         |         | }       |         |         |          |           |           |           |          |          | 1           |
|             |      |       | !           |              |       |        | li           |         |            |         |         | أ       |         |         |          |           |           |           | !        |          | Ĺ           |
| i           | j    |       | i i         |              |       |        | j — j        |         |            |         |         |         |         |         |          |           |           |           |          |          |             |
|             | 1    |       |             |              |       |        |              |         |            | [ ]     |         | (       |         | [ [     |          |           |           | 1 !       | ĺ        |          | i           |
|             |      |       |             |              |       |        |              |         |            | -       |         |         |         |         |          |           |           |           | - 1      |          |             |
| · ·         |      |       | ì           |              |       |        |              |         |            |         |         |         |         |         |          |           |           | ŀ         | i        |          |             |
|             | · •  |       |             |              |       |        |              |         |            |         |         |         |         |         |          |           |           | -         |          |          |             |
|             | İ    |       |             | i            |       |        |              |         |            | ì l     |         |         |         |         |          |           |           |           |          | İ        |             |
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|             | 1    |       | !           |              |       |        | 1            |         |            | ) )     |         | ļ       |         | , ,     |          |           |           | ļ j       | J        | ļ        | ļ           |
| 1           |      |       | i           |              |       |        | <del> </del> |         |            |         |         |         |         | ii      |          | -         |           |           |          |          |             |
| 1           | 1    |       | İ           |              |       |        |              |         |            |         |         | ]       |         |         |          |           |           |           | Ì        |          | !           |
|             | i    |       |             |              |       |        |              |         |            |         |         |         |         |         |          |           |           |           |          |          | ⊢—-         |
| ſ           | - 1  |       | [ ]         | ĺ            |       |        |              | ĺ       |            | 1 1     | ' I     | ĺ       |         | i       | ' i      | i i       |           | 1 1       | ľ        |          |             |
|             |      |       | ļ           |              |       |        |              |         |            |         |         |         |         |         |          |           |           |           |          |          |             |
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|             |      |       | <u>L</u>    | <u> </u>     |       |        |              |         |            | -       |         |         |         | ļ       |          |           | <u> </u>  | ļ         |          |          |             |
|             | i    |       | I           |              |       |        |              |         |            | ;       |         | - 1     |         |         |          |           |           |           |          |          |             |
|             |      |       | <b>1</b>    |              |       |        | L            |         |            |         |         |         |         |         |          |           |           | L         |          |          |             |
|             | ļ    |       | i .         | }            | i J   |        |              |         |            | ]       |         |         |         | , ,     |          |           |           |           | İ        | _        |             |
|             |      |       | <u> </u>    |              |       |        |              |         |            |         |         |         |         |         |          |           |           | <u> </u>  |          |          |             |
| Element (X) |      | Σχ'   |             |              | Z X   |        | X            | 7.6     |            | No. Ob  | s       |         |         |         | Mean N   | lo. of Ho | ours with | Temperat  | ure      |          |             |
| Rel. Hum.   |      | 624   | 8574        | L            | 754   | 92     | 81,2         | 11.39   | 92         | 9       | 30      | - 0 F   |         | 32 F    | ≥ 67     | F         | 73 F      | ≥ 80 F    | ≥ 93 F   |          | Total       |
| Dry Bulb    |      |       | 5763        |              | 309   | Z 9    | 33.3         | 7.6     | 56         | 9       | 30      |         |         | 45.5    |          | $\top$    |           |           | 1        |          | 9           |
| Wet Bulb    |      |       | 2330        |              | 540   | 19     | 31.2         | 5.4     | 75         |         | 30      |         |         | 49.8    |          |           |           |           | T        |          | 9           |
| Dew Point   |      | 78    | 7928        |              | 258   | 62     | 27.8         | 8.6     | 3 <b>Z</b> | - 9     | 30      |         | • Z     | 62.6    |          |           |           |           | +        |          | 9           |

USAFETAC FORM 0.26-5 (OLA) REVISED MEYICUS EDITIONS OF THIS FORM ARE OF

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 6102                 | FU   | T S        | MITH  |       | DUT          |        | ·           |               |         | 57-6            | 6           |               |        |                                        | ARS                                              |               |                |          | UC.                                              |        |
|----------------------|------|------------|-------|-------|--------------|--------|-------------|---------------|---------|-----------------|-------------|---------------|--------|----------------------------------------|--------------------------------------------------|---------------|----------------|----------|--------------------------------------------------|--------|
| STAT IN              |      |            |       | ST    | ATION NAM    | 4E     |             |               |         |                 |             |               |        | 16                                     | AKS                                              |               | PAG            |          | 2100=                                            | 230    |
| Temp.                |      |            |       |       |              | WET    | BULB        | TEMPERA       | TURE    | DEPRES          | SION (F     | )             |        |                                        |                                                  |               | TOTAL          |          | TOTAL                                            |        |
| (F)                  | 0    | 1 - 2      | 3 - 4 | 5 - 6 | 7 - 8        | 9 - 10 | 11 - 12     | 13 - 14       | 15 - 16 | 17 - 18 1       | 9 - 20      | 21 - 22 2     | 3 - 24 | 25 - 26                                | 27 - 28 2                                        | 7 - 30 ≥ 3    | 1 D.B. W.B.    | Dry Bulb | Wet Bulb D                                       | Dew Po |
| 54/ 53               |      |            | • 1   | • 1   | . 4          |        |             |               |         |                 |             |               |        |                                        | 1                                                |               | , 9            | . 6      |                                                  |        |
| 52/ 51               |      | . ֈ        |       | . 8   | . 1          |        | <u> </u>    |               |         |                 |             |               |        | 1                                      |                                                  |               | 13             | 13       |                                                  |        |
| 50/ 49               | i    | . 5        | , 6   | • 3   |              |        |             |               |         |                 |             |               |        |                                        | 1                                                |               | 14             | 14<br>19 | 14                                               |        |
| 48/ 47               |      | <u>- 1</u> | .0    | 1.0   | . 2          | • 1    | <u>u</u>    | 11            |         | L               |             |               |        | 1                                      |                                                  |               | <del>1</del> 7 | 21       | 21                                               |        |
| 46/ 45               |      | 5          | , 6   | . 9   | • 2          | ٠.     |             |               |         |                 |             | İ             |        |                                        |                                                  | 1             | 32             | 32       |                                                  |        |
| 44/ 43               |      | 1.0        |       | , 8   | • 1          | • 1    | <b>!</b>    | ļ             |         | <u> </u>        |             |               |        | ļ                                      |                                                  |               | 47             | 47       |                                                  |        |
| 12 / 52              | 1    | 2.7        |       | . 8   | • 3          |        | 1           | 1 1           |         | [               |             | [             |        |                                        | [                                                |               | 50             | 50       |                                                  |        |
| 40/ 39               | • 3  |            |       | • 5   |              |        | 1           | <del>  </del> |         | <del>  </del>   | +           |               |        | +                                      | <del></del> -                                    | <del></del>   | 35             | 55       | - ;                                              |        |
| 38/ 37               | . 9  | 4.6        | . 7   | - 1   | ł            |        | 1           |               |         | 1               | - 1         | ł             |        | 1                                      |                                                  | į             | 73             | 73       |                                                  |        |
| 36 / 35  <br>34 / 33 | 2.4  | 6.5        | 1.7   | • 1   |              |        | +           | <del> </del>  |         | <del>  -</del>  |             |               |        | +                                      |                                                  | -+-           | 94             | 94       |                                                  |        |
| 32/ 31               | 3.7  | 4.7        | .3    | • 1   | 1            |        | 1           |               |         |                 | ļ           | 1             |        | ) )                                    |                                                  |               | 81             | 81       | 1                                                |        |
| 30/ 29               | 1.9  | 6.7        | .2    |       | <del>}</del> |        | }           | 1             |         | 1               | <del></del> | <del></del> } |        | <del> </del>                           | <del>                                     </del> |               | 82             | 82       | 77                                               |        |
| 28/ 27               | 1.4  | 5.5        | .5    | İ     |              |        |             |               |         |                 |             |               |        |                                        |                                                  |               | 69             | 69       | 80                                               |        |
| 26/ 25               | 2.3  | 4.3        | ž     |       |              |        | 1-          | 1             |         | <del>  </del>   |             | +             |        | <del> </del>                           |                                                  |               | 65             | 55       | 67                                               |        |
| 24/ 23               | 1.3  |            |       | - {   | ļ            |        | l           | 1 1           |         | 1 1             |             | - 1           |        |                                        |                                                  | l             | 55             | 55       | 1 - 1                                            |        |
| 22/ 21               | 2.4  | 2.6        | . 2   |       |              |        |             |               |         |                 |             |               |        | 1                                      |                                                  |               | 48             | 48       |                                                  |        |
| 20/ 19               | 1.4  | 1.5        | - 7   |       | Ì            |        |             |               |         |                 |             |               |        |                                        |                                                  |               | 27             | 27       | - 1                                              |        |
| 18/ 17               | 1.1  | 1.1        |       |       |              |        | 1           | 1             |         | † <del>  </del> |             |               |        |                                        |                                                  |               | 20             | 20       |                                                  |        |
| 16/ 15               | . 9  | . 5        | i     |       |              |        |             | \             |         | [               |             |               |        |                                        |                                                  |               | 13             | 13       | 14                                               |        |
| 147 13               |      | 1.1        |       |       |              |        | 1           |               |         |                 |             |               |        |                                        |                                                  |               | 18             | 18       |                                                  |        |
| 12/ 11               | • 4  | . 3        |       |       |              |        |             |               |         | 1               |             |               |        |                                        | L                                                |               | 9              | 9        | 16                                               |        |
| 10/ 9                | • 6  | •1         |       |       |              |        |             |               |         |                 |             | T             |        |                                        |                                                  | - 1           | 5              | 7        |                                                  |        |
| 8/ 7                 | . 4  | • 1        |       |       |              |        |             | 1             |         | 1               |             |               |        | 1                                      |                                                  | <del></del> - | 3              | <u>_</u> | 7                                                |        |
| 6/ 5                 | . 3  |            |       |       |              |        |             |               |         |                 |             |               |        |                                        |                                                  |               | 1              | 3        | ,                                                |        |
| 4/ 3                 | 1    |            | Ĺ     |       |              |        |             |               |         |                 |             |               |        | <b>-</b>                               | <b>├</b> ──┼                                     |               |                |          |                                                  |        |
| 2/ 1                 |      |            |       |       |              |        | 1           | 1 1           |         | 1               | i           | ĺ             |        |                                        | 1 1                                              | 1             | 1              | 1        | 1                                                |        |
| 0/ -1                | .1   |            |       |       | <b> </b>     |        | <del></del> | +-1           |         | 1               |             |               |        | 4                                      | 1                                                | <del></del>   |                | 2        | 2                                                | —      |
| -2/ -3               | • 4  |            |       |       |              |        | 1           | 1 1           |         | 1 1             | }           | }             |        |                                        |                                                  | -             |                | •        | _                                                |        |
| -6/ -7               |      |            |       |       |              |        | +           |               |         | +               |             |               |        | +                                      | +                                                | +-            |                |          | <del>                                     </del> |        |
| UTAL                 | 24.7 | 56.2       | 11.8  | 5.6   | 1.4          |        | 2           | ] ]           |         | 1 1             | ļ           | 1             |        | 1                                      |                                                  |               |                | 930      | ]                                                | 9      |
|                      |      |            |       |       |              |        |             | +             |         | +               |             |               |        | 1                                      |                                                  |               | 930            |          | 930                                              |        |
|                      |      |            |       |       |              |        | <u> </u>    |               |         | No. Obs         |             | أـــــا       |        | ــــــــــــــــــــــــــــــــــــــ | Mago No                                          | of Hours      | with Temperat  | ure      |                                                  |        |
| Element (X)          |      | Z X'       | 8525  |       | <sup>2</sup> | 09     | ₹.<br>84.)  | 110-4         | 5Z      |                 | 30          | ± 0 F         | 1      | 1 32 F                                 | ≥ 67 F                                           |               |                | ≥ 93     | FT                                               | otal   |
| Dry Bulb             |      |            | 2827  |       | 290          |        |             | 9.4           |         |                 | 30          |               | . 3    | 50.6                                   |                                                  | 1             |                | 1 -      |                                                  |        |
| Wet Bulb             |      |            | 9676  |       | 276          | 1      |             | 8.5           |         |                 | 30          |               | . 3    | 36.3                                   |                                                  | 1             |                |          |                                                  |        |
| Dew Point            |      | 74         | 2487  | ļ     | 249          | 37     |             | 8.9           |         | 9               | 30          |               | • 4    | 67.3                                   | <del>                                     </del> |               |                | $\top$   |                                                  |        |

USAFETAC FORM 0.26-5 (OLA)

| 26162            | - <u>53</u> | K 1 2 | MITH     |            | ATION NA      |        |         |                |                | 57-                                              | 00            |                                                  |                                                  |                                                  | EARS                                             |              |              |          |              | IDV      |
|------------------|-------------|-------|----------|------------|---------------|--------|---------|----------------|----------------|--------------------------------------------------|---------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|----------|--------------|----------|
| 5.81.04          |             |       |          | 51         | ATTON NA      | IME    |         |                |                |                                                  |               |                                                  |                                                  | *                                                | LAKS                                             |              | PAC          | 5E 1     | 0000         | 0-020    |
| Temp.            |             |       |          |            |               | WET    | BULB    | TEMPE          | RATURE         | DEPRE                                            | SSION (       | (F)                                              |                                                  |                                                  |                                                  |              | TOTAL        |          | TOTAL        |          |
| (F) .            | 0           | 1 - 2 | 3 - 4    | 5 - 6      | 7 - 8         | 9 - 10 | 11 - 12 | 13 - 14        | 15 - 16        | 17 - 18                                          | 19 - 20       | 21 - 22                                          | 23 - 24                                          | 25 - 26                                          | 27 - 28 2                                        | 9 - 30 ≥ 3   | 1 D.B./W.B   | Dry Bull | b Wet Bull   | Dew Po   |
| 46/ 45           |             |       |          | i į        | •1            |        |         |                |                |                                                  |               | i                                                |                                                  |                                                  |                                                  |              |              |          | 1            | 1        |
| 44/ 43           |             |       |          | . 2        |               |        |         | Ĺ              |                | Ĺ                                                | Í             | 1                                                | ĺ.                                               |                                                  |                                                  |              |              |          | 2            | ł        |
| 42/ 41           |             |       | . 2      |            |               |        |         |                |                |                                                  |               |                                                  |                                                  |                                                  |                                                  |              |              | 3        | 3            | 1        |
| 40/ 37           |             |       |          | . 1        |               |        |         |                |                | L                                                |               |                                                  | <u> </u>                                         | <u> </u>                                         |                                                  |              |              | <u> </u> | 1            | •        |
| 38/ 37           |             |       | • 2      |            | į             |        |         |                |                | }                                                |               | ļ                                                |                                                  |                                                  |                                                  |              | 1            | 2        | 2            | •        |
| 36/ 35           |             |       |          |            |               |        |         | ļ              | J              | ļ                                                | l             | L                                                | <u> </u>                                         |                                                  |                                                  |              | _            |          |              | <u> </u> |
| 34/ 33<br>32/ 31 | . z         | 2.1   | . Z      |            |               |        |         |                |                | ļ                                                |               |                                                  |                                                  | İ                                                | 1 1                                              | -            | 2            |          | 5            |          |
| 30/ 29           | 1.6         |       | • •      |            |               |        |         | -              | <u> </u>       | <del></del>                                      | <u> </u>      | ļ                                                |                                                  |                                                  |                                                  |              | 3            |          |              |          |
| 28/ 27           | 2.0         |       |          |            | i             |        |         |                |                | ì                                                |               | 1                                                | 1                                                |                                                  |                                                  | ŀ            | 4            |          |              |          |
| 207 25           | 1.9         | 3.7   | <b>!</b> | 1          |               |        |         | <del></del>    | <b>├</b>       | <del> </del>                                     | <del> </del>  | ——                                               |                                                  | -                                                | <b>∤</b> —                                       |              | 51           | 1        |              | 1 .      |
| 24/ 23           | 2.5         |       | l l      | .          | ſ             | J      |         |                | -              | ŀ                                                |               |                                                  |                                                  | 1                                                |                                                  |              | 56           |          | -1 .         |          |
| 22/ 21           | 2.7         | 2.5   | 1 1      |            | $\overline{}$ |        |         | <del> </del>   | +              | <del> </del>                                     |               | ├──                                              | <del> </del>                                     |                                                  | <del></del>                                      | -+-          | 4            |          | - 1 _        |          |
| 20/ 19           | 1.6         |       |          |            | ŀ             | ł      |         | i              | 1              |                                                  |               |                                                  |                                                  |                                                  |                                                  | - 1          | 50           |          |              |          |
| 18/ 17           | . 8         | _     |          |            |               |        |         | $\vdash$       | <del> </del> - | <del>                                     </del> | }             | <del>                                     </del> |                                                  | <del>                                     </del> | <del>  </del> -                                  |              | 22           |          | <b>-</b>   - | ,        |
| 16/ 15           | 2.6         | 1.4   | <b>(</b> | 1          | 1             | ļ      |         |                |                |                                                  | Ì             | l                                                | -                                                | 1                                                | 1                                                |              | 36           |          |              |          |
| 14/ 13           | 2.8         |       |          |            |               |        |         |                | 1              | <del> </del>                                     | · · · · · · · | <del> </del>                                     | <del>}</del>                                     | <del> </del>                                     |                                                  |              | 3            | 7 3      | 7 40         | y        |
| 12/ 11;          | 1.7         | 1.9   |          |            |               |        |         |                |                |                                                  |               | 1                                                | İ                                                | 1                                                |                                                  | ļ            | 3 2          | 2 3      | 2 2          |          |
| 10/ 9            | 3.6         |       |          | -          |               |        |         | <u> </u>       | <del> </del>   |                                                  |               |                                                  |                                                  |                                                  |                                                  | <u> </u>     | 40           | 9 41     | 0 4!         |          |
| 8/ 7             | 3.0         | • 3   |          |            |               |        |         |                | }              |                                                  |               |                                                  |                                                  |                                                  |                                                  |              | 30           |          |              |          |
| 67 5             | 4.2         | .6    |          |            |               |        |         |                |                |                                                  |               |                                                  |                                                  |                                                  |                                                  |              | 43           |          | - 1          |          |
| 4/ 3             | 3.0         |       | L - 1    |            |               |        |         |                |                | l                                                | l             |                                                  | ļ                                                |                                                  |                                                  |              | 34           | -        | -1           |          |
| 2/ 1             | 2.8         | • 7   |          |            | İ             |        |         |                |                |                                                  | ĺ             |                                                  |                                                  |                                                  |                                                  |              | 3 1          |          | -1           |          |
| 0/ =1            | 3.6         | . 7   |          |            |               |        |         |                |                |                                                  | [             | <u> </u>                                         | <u> </u>                                         | L                                                |                                                  |              | 40           |          |              | ' 1      |
| =2/ -3<br>=4/ -5 | 2.3         | .7    |          |            |               |        |         |                |                | 1                                                |               | 1                                                |                                                  | İ                                                |                                                  |              | 2            |          |              |          |
| -4/ -5           | 1.4         | 3     |          |            |               |        |         | Ļ              | ļ              | <u> </u>                                         | <u></u>       | <b>└</b>                                         | l                                                | Ь                                                | <b>↓</b>                                         |              | 27           | , -      |              |          |
| -8/ -9           | 2.7         |       |          |            |               |        |         |                |                |                                                  | l             | 1                                                |                                                  |                                                  |                                                  |              | 26           |          | -, -         |          |
| 10/-11           | 1.9         | _     |          |            |               |        |         | <del>{</del> — |                | -                                                | -             | <del> </del>                                     | -                                                | ├                                                | -                                                |              | 1            |          | -1 :         |          |
| -12/-13          | 1.8         | • • • |          |            |               | 1      |         |                |                | 1                                                |               |                                                  | ļ                                                | 1                                                |                                                  |              | l îč         |          |              |          |
| 14/-15           | 1.4         | 2     |          |            |               |        |         | <del></del>    | <del> </del>   | <del>                                     </del> | <del> </del>  |                                                  | <del> </del> -                                   | ├                                                | <del></del>                                      |              | 1            |          |              |          |
| -16/-17          | . 8         |       | 1        |            |               |        |         |                | 1              |                                                  |               | 1                                                |                                                  |                                                  |                                                  |              | "8           | - 1      | 8 1          |          |
| -18/-19          | 1.0         |       | 1 1      | ļ <u> </u> |               | +      |         | ├─             | <del> </del>   | <del>                                     </del> |               | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> |              | 10           | 1 7      |              |          |
| -20/-21          | 2.1         |       |          |            |               | İ      |         |                |                |                                                  |               |                                                  |                                                  | İ                                                |                                                  |              | 19           |          | - 1          |          |
| Element (X)      |             | Σχ'   |          |            | EX            |        | x       | 0,             |                | No. Ob                                           | s.            | <u> </u>                                         | 1                                                |                                                  | Mean No                                          | . of Hours v | vith Tempera |          |              | <u>'</u> |
| Rel. Hum.        |             |       |          |            |               |        |         | T              |                |                                                  |               | ± 0                                              | F                                                | ≤ 32 F                                           | ≥ 67 F                                           |              |              |          | F            | Total    |
| Dry Bulb         |             |       |          |            |               |        |         | _              |                |                                                  |               |                                                  |                                                  |                                                  |                                                  | 1            | 1            | 1        |              |          |
| Wet Bulb         |             |       |          |            |               |        |         |                |                |                                                  |               |                                                  |                                                  |                                                  |                                                  | T            |              | 1.       |              |          |
| Dew Point        |             |       |          |            |               | T-     |         |                |                |                                                  |               |                                                  |                                                  |                                                  |                                                  |              |              |          |              |          |

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STAT

| Dew Point    |      | 2            | 8639         | 3               | 37          | 73           | 4.2                                              | 17.3       | 71       | 8                                                | 97 | 33                                               | . 9 | 90.0                                             |                   |         |         | 1              |          |     | 7              |
|--------------|------|--------------|--------------|-----------------|-------------|--------------|--------------------------------------------------|------------|----------|--------------------------------------------------|----|--------------------------------------------------|-----|--------------------------------------------------|-------------------|---------|---------|----------------|----------|-----|----------------|
| Wet Bulb     |      |              | 9094         |                 | 73          | 47           | <u> 5 . Z</u>                                    | 16.0       | 7 5      |                                                  | 97 | 27                                               |     | 89.1                                             |                   |         |         | <u> </u>       | ↓        |     | 9              |
| Dry Bulb     |      |              | 1147         |                 | 76          | 23           | 8,5                                              | 16,5       | 72       | 9                                                | 00 | 27                                               | • 5 | 88,5                                             |                   |         |         |                | <u> </u> |     | 9              |
| Rel. Hum,    |      |              | 9365         |                 | 735         |              | 82.0                                             | 8,2        | 79       | 8                                                | 97 | ± 0 F                                            |     | ≤ 32 F                                           | ≥ 67 F            |         | 73 F    | ≥ 80 F         | ≥ 93 F   |     | Total          |
| Element (X)  |      | Σχ,          |              |                 | Σχ          |              | ¥                                                | <b>"</b> 1 |          | No. Ob                                           |    |                                                  |     |                                                  | Mean No           | . of Ho | urs wit | 1 Temperati    | nte      |     |                |
|              |      |              | 1            | 1               | 1           |              | 1                                                |            | <u> </u> |                                                  |    | ]]                                               |     |                                                  |                   |         |         |                |          | L   |                |
|              |      |              | 1            | -               |             |              |                                                  |            |          |                                                  |    |                                                  |     |                                                  |                   |         |         |                |          |     |                |
|              |      |              |              | İ               |             |              |                                                  |            |          | <u> </u>                                         |    |                                                  |     |                                                  |                   |         |         | i              |          |     |                |
| •            |      | 1            |              |                 |             |              |                                                  |            |          |                                                  |    |                                                  |     | $\Box$                                           |                   |         |         |                |          |     |                |
|              |      |              | Ţ            | į               |             | j            | }                                                |            | ]        |                                                  |    | 1                                                |     |                                                  | 1                 |         |         |                |          |     | !              |
| ·            |      |              |              | † <del></del> - | -           | 1            | 1                                                |            |          |                                                  |    | 1                                                |     | $\vdash$                                         | +                 |         |         | 1              |          |     |                |
| 1            |      |              | i i          | 1               | i           |              |                                                  |            |          | 1                                                |    | 1                                                |     |                                                  | 1                 |         |         | li             |          |     |                |
|              |      | <b>4</b> · · | <del>-</del> |                 | - +         | <del> </del> | ·                                                |            | <u> </u> | +                                                |    | <del> </del>                                     |     | +                                                |                   |         |         | <del>  </del>  |          |     | <del> </del>   |
| 1            |      |              | !            |                 |             |              | 1                                                |            |          |                                                  |    |                                                  |     |                                                  | 1                 |         |         |                |          |     |                |
| ;            |      |              |              | i               | +           | ļ            | -                                                |            |          | <del> </del>                                     |    | <del> </del>                                     |     | +                                                |                   |         |         |                |          |     | <del> </del>   |
|              |      | i            |              | 1               | 1           |              |                                                  |            |          |                                                  |    | 1                                                |     | 1 1                                              | 1                 | ]       |         |                |          |     |                |
| ·            |      | <u> </u>     | 4            |                 |             |              | <b>}</b>                                         |            |          | <u> </u>                                         |    | <del>                                     </del> |     | <del>                                     </del> |                   |         |         | <del>  </del>  |          |     | <u> </u>       |
|              |      | 1            |              | į               |             |              |                                                  |            |          |                                                  |    | 1                                                |     |                                                  |                   |         |         | [              | ĺ        |     |                |
|              |      |              | <u> </u>     | 1               | <del></del> | ļ            | ļ                                                |            |          | <del>   </del>                                   |    | L                                                |     | 1                                                |                   | ļ       |         |                |          |     |                |
|              |      |              | i            | 1               |             |              |                                                  |            |          |                                                  |    | 1                                                |     |                                                  | [                 | 1       |         | [              |          |     |                |
| <del>-</del> |      | ļ            |              |                 |             | ļ            |                                                  |            |          | L                                                |    | <u> </u>                                         |     |                                                  |                   |         |         |                |          |     |                |
| - 17         |      |              | 1            | Ī               |             |              |                                                  |            |          |                                                  |    |                                                  |     |                                                  | _ [               | Ì       |         |                |          |     |                |
|              | _    | <u> </u>     |              | ! _             | <u>i</u>    |              | i i                                              |            |          | L                                                |    | l l                                              |     | $\perp$                                          |                   |         |         |                |          |     |                |
| +            |      | 1            | 1            | - <del>f</del>  |             | 1            |                                                  |            |          |                                                  |    | $\vdash$                                         |     |                                                  |                   |         |         |                |          |     |                |
|              |      | i            |              |                 |             | ļ            | 1                                                |            |          | 1                                                |    |                                                  |     |                                                  |                   |         |         |                |          |     |                |
| <del></del>  |      | <del>!</del> | 4            | _               | _           | <b> </b>     | <del>                                     </del> |            |          | <del>                                     </del> |    | <del>                                     </del> |     | +                                                |                   |         |         | 897            |          | 897 |                |
| UTAL         | 54.0 | 34.          | 6 .          | 9 .             | 4 .1        |              |                                                  |            |          |                                                  |    |                                                  |     | 1 1                                              | 1                 | ļ       |         |                | 900      |     | 89             |
| 42/-43       |      | <del> </del> | +            | +               | +           | <del> </del> | <del> </del>                                     |            |          | <del>                                     </del> |    | <del>   </del>                                   |     | +                                                | +                 |         |         |                |          |     | <del> </del>   |
| 40/-41       |      |              |              | :               |             |              |                                                  |            |          |                                                  |    | 1                                                |     |                                                  |                   |         |         |                | -        |     |                |
| 38/-39       |      |              | <del></del>  | +               | +           |              | -                                                |            |          | <del> </del>                                     |    | <del>  </del>                                    |     | +                                                | $\longrightarrow$ |         |         | <del>   </del> |          |     | <del> </del> - |
| 36/-37       | •    | 1            | i            | 1               |             |              | 1                                                |            |          |                                                  |    |                                                  |     | 1 1                                              | }                 | Ì       |         | 1              | 7        | `   |                |
| 34/-35       | - :4 |              | <del>-</del> | ļ               |             |              |                                                  |            | L        | ļ                                                |    | <del>  </del>                                    |     | <del>   </del>                                   |                   |         |         | 4              | - 4      | - 2 |                |
| 32/-33       | . 3  |              |              | -               |             |              |                                                  |            |          | 1 1                                              |    | 1 1                                              |     |                                                  |                   | l       |         | 3              | 4        | 3   | L .            |
| 30/-31       |      |              | . į          |                 | +           |              |                                                  |            |          |                                                  |    | ļ                                                |     | <del>                                     </del> |                   |         |         | 7              |          |     | ļ ,            |
| 28/-29       | 7    |              | L,           | -               |             |              |                                                  |            |          |                                                  |    | ]                                                |     |                                                  | [                 | 1       |         |                |          | 1   | ,              |
| 24/-25       | 1.1  |              |              | ļ               | <u> </u>    |              |                                                  |            |          |                                                  |    | 1                                                |     |                                                  |                   |         |         | 10             | 10       | 10  | 1              |
| 22/-23       | 1.3  |              | Ļ            | i               |             | 1            |                                                  |            |          |                                                  |    | 1 1                                              |     | 1                                                | 1                 | ĺ       |         | 13             | 13       |     |                |
| 99/ 42       |      | 1 - 2        |              |                 |             |              |                                                  |            |          |                                                  |    |                                                  |     | ++                                               |                   |         |         |                |          |     |                |

USAFETAC FORM 0.26-5 (OL.A) BEVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOITED.

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

26102 STATION FURT SMITH NET DUT APT 57-66 0300-0500 HOURS (L. S. T.) PAGE 1

| Temp.       |     |       | ,            | ,            |          |                 |          | BULB         |                |            |         |                                                  |         |         |        |         |              |              |        |      |      | TOTAL     |          | TOTAL    |          |
|-------------|-----|-------|--------------|--------------|----------|-----------------|----------|--------------|----------------|------------|---------|--------------------------------------------------|---------|---------|--------|---------|--------------|--------------|--------|------|------|-----------|----------|----------|----------|
| (F)         | 0   | 1 - 2 | 3 - 4        |              |          | 8               | 9 - 10   | 11 - 12      | 13 -           | 14         | 15 - 16 | 17 - 1                                           | 8 19 -  | 20 2    | 1 - 22 | 23 - 24 | 25 - 20      | 5 27 - 2     | 8 29   | - 30 | × 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew 1    |
| 44/ 43      | 1   |       | I            | •            | 1        |                 |          |              |                |            |         |                                                  |         |         |        |         |              |              |        |      |      | 1         | 1        |          |          |
| 42/ 41      |     |       | . • l        |              | -        |                 |          |              | <u> </u>       |            |         |                                                  |         |         |        |         |              |              |        |      |      | 1         | 1        |          | 1        |
| 40/ 39      | :   |       | 3            |              | .i       | 1               |          | 1            | 1              | ı          |         | ł                                                | 1       | 1       |        |         | 1            | 1            | 1      | - 1  |      | 3         | 3        |          |          |
| 38/ 37      |     |       | 5            |              | 1        |                 |          |              | <u> </u>       |            |         |                                                  | L       |         |        |         |              |              |        | 1    |      | 4         | 4        | 2        | 1        |
| 36/ 35      | 1   | • 1   |              |              | ĺ        |                 |          |              |                | -          |         |                                                  | 1       |         |        |         |              |              |        |      |      | 7.        | 2        | 3        |          |
| 34/ 33      |     | . 9   | 1            | 1            | į.       |                 |          |              | ļ              |            |         |                                                  | $\perp$ |         |        |         |              |              |        |      |      | 9         | 9        | 5        |          |
| 32/ 31      | . 8 |       |              | 1            | Ì        |                 |          | ĺ            | '              |            |         |                                                  | T       | Т       |        |         |              |              | $\top$ |      |      | 23        | 23       | 20       |          |
| 30/ 29      | - 1 | 1.7   |              | 1            |          |                 |          |              |                |            |         |                                                  |         |         |        |         |              |              |        |      |      | 24        | 24       | 24       |          |
| 28/ 27      |     | 3.4   |              | 1            |          | T               |          |              |                |            |         |                                                  | 7       | Т       |        |         |              |              |        |      |      | 44        | 44       | 37       |          |
| 26/ 25      | 1.6 |       | 1 .          | ļ<br>        |          |                 |          | 1            |                | i          |         |                                                  |         |         |        |         |              |              |        |      |      | 39        | 39       | 46       |          |
| 24/ 23      | 1.8 |       |              |              |          |                 |          |              |                | - T        |         |                                                  |         |         |        |         |              |              |        |      |      | 52        | 52       | 46       | 1        |
| 22/ 21      | 3.2 |       |              |              | ļ        |                 |          |              | 1              |            |         |                                                  | -       |         |        |         |              |              |        |      |      | 58        | 58       | 57       |          |
| 20/ 19      | 3.0 | 2.5   |              |              |          |                 |          |              |                |            |         |                                                  | 1       | $\neg$  |        |         | T            | 1            | _      |      |      | 49        | 49       | 57       |          |
| 18/ 17      | 1.6 | 1.7   | 1            |              |          | 1               |          | 1            | 1              |            |         | 1                                                | -       |         |        |         |              |              |        |      |      | 29        | 29       | 38       |          |
| 10/ 15      | 2.0 | . 8   |              | <del> </del> |          |                 |          |              | 1              | $\neg$     |         |                                                  | +-      | +       |        |         | 1            | 1            |        |      |      | 25        | 25       | 23       | t -      |
| 14/ 13:     | 2.7 | 1.3   | ļ            | ļ            |          | ļ               |          |              |                | 1          |         |                                                  |         | 1       |        |         |              | 1            |        |      |      | 36        | 36       | 36       |          |
| 12/ 11      | 2.8 | 2.7   |              | <del> </del> |          | $\neg \uparrow$ |          | † — —        | _              |            |         | 1                                                | $\top$  | +       |        |         | 1            | 1            | $\top$ |      |      | 49        | 49       | 43       | <u> </u> |
| 10/ 9       | 3.9 | 1.2   | 4            | ĺ            |          |                 |          |              |                | - 1        |         |                                                  |         | -       |        |         |              |              |        |      |      | 46        | 46       | 52       |          |
| 8/ 7        | 3.9 | • 3   |              |              | +        | _               |          | <del> </del> |                | -+         |         |                                                  | +       | +       |        |         | <del>†</del> | -            | +      | _    |      | 38        | 38       | 42       |          |
| 6/ 5        | 2.3 | 1.0   | 1            |              |          | - 1             |          | !            |                | - 1        |         |                                                  | 1       |         |        |         | 1            |              |        |      |      | 30        | 30       | 27       |          |
| 4/ 3        | 2.0 | , 6   |              | <del> </del> | +-       | <del></del>     |          | <del> </del> | <del> </del>   | +          |         | <del>                                     </del> | +-      | +       |        |         | 1            | <del> </del> | +      | _    |      | 23        | 23       | 24       |          |
| 2/ 1        | 2.3 | . 3   |              |              |          |                 |          | i            |                |            |         |                                                  |         |         |        |         |              |              |        |      |      | 24        | 24       | 26       |          |
| 0/ -1       | 4.1 | . 8   |              |              | +        |                 |          |              | <del> </del>   | -+         |         | <del>-</del>                                     | +       | +       |        |         | +            | +            | +      |      |      | 44        | 44       | 42       |          |
| -2/ -3      | 2.9 | . 7   |              |              |          | - 1             |          |              |                |            |         |                                                  |         |         |        |         |              | 1            |        |      |      | 32        | 32       | 31       |          |
| -47 -5      | 2.3 | . 3   | L            |              |          | -+              |          |              |                | -+         |         |                                                  | +       | +       |        |         | 1            | +            |        |      |      | 24        | 24       | 28       |          |
| -6/ -7      | 2.3 | . 2   |              | !            |          |                 |          |              |                | - [        |         |                                                  |         |         |        |         | 1            | }            |        | ļ    |      | 23        | 23       | 22       |          |
| -8/ -9      | 1.5 | - : 4 |              |              |          |                 |          |              | <del> </del> - | $\dashv$   |         | <u> </u>                                         | +       |         | -      |         | <del> </del> |              | +      |      |      | 17        | 17       | 15       | <u> </u> |
| 10/-11      | 1.9 | . 3   |              | i            |          |                 |          |              | 1              |            |         |                                                  |         |         |        |         | 1            | 1            |        |      |      | 20        |          | 22       |          |
| 12/-13      | 2.1 | • 2   |              |              | -        | -               |          | ļ            | <del> </del>   | -+         |         | <del></del>                                      | +       | -       |        |         | ļ            | <b>⊹</b> —   |        |      |      | 21        | 21       | 22       | <u> </u> |
| 14/-15      | 1.6 | • -   | 1            | i            |          |                 |          | ŀ            |                | - }        |         |                                                  |         |         |        |         |              |              | 1      |      |      | 14        | 14       | 14       |          |
| 16/-17      | 1.1 |       | ļ <u>-</u> - | <del> </del> | +        |                 |          |              | <del> </del>   | -+         |         |                                                  | +       | +       |        |         |              |              | +      | _    |      | 10        |          | 10       | L        |
| 18/-19      | 1.0 |       |              | !            |          |                 |          |              |                | - 1        |         |                                                  |         |         |        |         | t            |              |        |      |      | 10        | 10       |          | 1        |
| 20/-21      | 1.2 |       | <u> </u>     |              |          |                 |          | -            | <del> </del>   | 4          |         | <del> </del>                                     | 4       | +       |        |         | 1            | ļ            |        |      |      |           | 9        | 9        |          |
| -22/-23     | 1.3 | . 1   | 1            | 1            |          |                 |          |              |                | 1          |         |                                                  |         |         |        |         | 1            |              |        |      |      | 11        | 11       | 11       | 1        |
|             |     | • 1   | L            |              | <u> </u> |                 |          | L            | Ь-             |            |         | Щ.                                               |         | _L      |        |         |              | <u> </u>     |        |      |      | 13        | 13       | 13       |          |
| Element (X) |     | Σχ'   |              | ļ            | ΣX       |                 | -+-      | <u>x</u>     | <del> </del>   | <b>"</b> R | _       | No. (                                            | bs.     | 1-      |        |         |              | <del></del>  |        |      |      | Temperat  |          |          |          |
| Rel. Hum.   |     |       |              |              |          |                 |          |              | ļ              |            |         |                                                  |         | 4       | = 0 1  | F       | ≤ 32 F       | ≥ 6          | 7 F    | 27   | 3 F  | ≥ 80 F    | → 93 F   | <u> </u> | Total    |
| Dry Bulb    |     |       |              |              |          |                 | <u> </u> |              | 1              |            |         |                                                  |         | 4_      |        |         |              | Ļ            |        |      |      |           |          |          |          |
| Wet Bulb    |     |       |              | ļ            |          |                 |          |              | ↓              |            | $\perp$ |                                                  |         | $\perp$ |        |         |              | ļ            |        |      |      |           |          |          |          |
| Dew Point   |     |       |              | 1            |          |                 | 1        |              | 1              |            | i       |                                                  |         | 1       |        |         |              | 1            |        | t    |      | _         | _        | 1        |          |

CATA PRUCESSING DIVISION USAF ETAG AIR "EATHER SELVICE/MAC

# PSYCHROMETRIC SUMMARY

| 20105                | FORT     | SMITH    | NWT DE        |                | <u> </u>       |                                                  |         | 57-     | 66      |          |                                              |         |         |         |             |            |           |                   | ÇΥ    |
|----------------------|----------|----------|---------------|----------------|----------------|--------------------------------------------------|---------|---------|---------|----------|----------------------------------------------|---------|---------|---------|-------------|------------|-----------|-------------------|-------|
| · A · · ·            |          |          | 5:A110N       | NAME           |                |                                                  |         |         |         |          |                                              | YE      | AR5     |         |             | PAG        | 2         | 0300              | -050  |
|                      |          |          |               | WE 7           | C DULL P       | TEMPERA                                          | TUDE    | neppe   | CCION ( | · E \    |                                              |         |         |         |             | TOTAL      |           | HOURS             | s, T, |
| Temp.                | - 0 - 1  | 2 3.4    | 5 - 6 7 - 8   |                | 11.12          | 13 . 14                                          | 15 - 14 | 17 . IS | 19 . 20 | 21 - 22  | 23 - 24                                      | 25 . 24 | 27 . 28 | 20 . 30 | <b>→</b> 31 | D.B. W.B.  | Dry Bulls | TOTAL<br>Wet Bulb | Dow P |
| -24/-23              | 2.6      |          | . 3.0 , , . 0 | . , . , ,      | , , , , , ,    | +"3"-!"                                          | 13-10   | 17 - 10 | 17.20   | 21 - 22  | 3 - 14                                       | 23.20   | 27 - 20 | 27 - 30 | - 31        | 23         | 23        | 23                |       |
| -26/-27              |          | .1       | ı             |                |                | 1                                                |         |         |         |          |                                              |         |         |         |             | 15         | 15        |                   | 1     |
| 28/-29               |          |          |               | +              | 1              | <del>                                     </del> |         |         |         |          | -                                            |         |         |         |             | 2          | 2         | 1.                |       |
| -30/-31              | . 2      |          | i             |                | i              | i İ                                              |         |         |         |          |                                              |         | - 1     |         |             | 2          | 2         |                   |       |
| -32/-33              | . 4      |          |               | ·              |                | 1                                                |         |         |         | 1 1      |                                              |         |         |         |             | 4          | 4         | 4                 |       |
| 34/-35               | . 1      |          | i i           | i              | 1              | 1                                                |         |         |         |          |                                              | į       |         |         |             | , 1        | 1         | 1                 |       |
| -36/-37              |          |          | 1             | . †            | i              |                                                  |         |         |         |          |                                              |         |         |         |             | 1          | 6         |                   |       |
| -38/-39              |          | i        |               |                |                | j ļ                                              |         |         |         |          | 1                                            | j       | j       |         |             |            |           | ]                 |       |
| -407-41              |          |          |               |                |                |                                                  | -       |         |         |          |                                              |         |         |         |             |            |           | 1                 |       |
| -42/-43              |          |          |               |                | 1              |                                                  |         |         |         |          | 1                                            |         |         |         |             |            |           |                   |       |
| TUTAL                | 65,033   | .1 1.7   | .2            |                |                |                                                  |         |         |         |          |                                              |         |         |         |             | 894        | 900       | 894               | 8     |
|                      |          |          |               |                |                |                                                  |         |         |         |          |                                              |         |         |         |             |            |           | Ī                 |       |
|                      |          |          | ·             |                | <del> </del> - |                                                  |         |         |         |          |                                              |         |         |         |             |            |           |                   | -     |
|                      |          |          |               |                |                |                                                  |         |         |         |          |                                              |         | ſ       | [       |             | [          |           | ĺ.                |       |
|                      | +        |          |               |                |                |                                                  |         |         |         |          |                                              |         |         |         |             |            |           |                   |       |
|                      |          | <b>.</b> | ! <u> </u>    |                | <u> </u>       |                                                  |         |         |         |          |                                              |         |         |         |             |            |           | ļ                 |       |
|                      | . —      |          |               |                |                |                                                  |         |         |         |          |                                              |         |         |         |             |            |           |                   |       |
|                      |          | :        |               | <b></b>        | ļ              | 1                                                |         |         |         |          |                                              |         |         |         |             | L          |           |                   |       |
|                      |          | 1        |               |                |                |                                                  |         |         |         |          |                                              |         |         |         |             |            |           |                   |       |
| _                    | . i      | <u>ļ</u> |               |                |                |                                                  |         |         |         | $\vdash$ |                                              |         |         |         |             |            |           | -                 |       |
|                      |          | i        |               |                |                |                                                  |         |         |         |          |                                              |         |         |         |             |            |           |                   |       |
|                      | • • •    | 4        |               | +              | 1              | +                                                |         |         |         | +        |                                              | -       |         |         |             | 1          |           | <del> </del>      |       |
|                      |          |          |               | -              |                |                                                  |         |         |         |          |                                              |         |         |         |             |            |           |                   |       |
|                      | · · · †  |          |               |                | +              | <del>                                     </del> |         |         |         |          | -                                            |         |         |         |             |            |           | <del> </del>      |       |
|                      |          |          |               |                |                |                                                  |         |         |         |          |                                              |         | ĺ       |         |             |            |           |                   |       |
|                      |          | 1        |               | <del> </del>   |                | 1                                                |         |         |         |          |                                              |         |         |         |             | t 1        |           | 1                 |       |
|                      |          | į        |               |                | -              |                                                  | į       |         |         |          |                                              |         |         |         |             |            |           |                   |       |
| _                    |          | i        |               |                |                |                                                  |         |         |         |          |                                              |         |         |         | _           |            |           |                   |       |
|                      | i        | ↓        | <u> </u>      |                | <u></u>        | <u> </u>                                         |         |         |         | 11       |                                              |         |         |         |             |            |           |                   |       |
|                      |          | İ        | _             | -              |                |                                                  |         |         |         | 1        |                                              |         |         |         |             |            |           |                   |       |
|                      | <u> </u> |          |               |                |                |                                                  |         |         |         |          |                                              |         | !       | ,       |             |            |           |                   |       |
| Element (X)          | ΣX       | (81782   | ZX            | 203            | X .            | , °,                                             |         | No. Ob  | 94      |          |                                              | 1       |         |         |             | h Temperat |           |                   |       |
| Rel. Hum.            |          | 307596   |               | 382<br>246     | 8.1            | 10.6                                             | 41      |         | 00      | ± 0 F    | <u>,                                    </u> | 32 F    | ≥ 67    | F   *   | 73 F        | ≥ 80 F     | ≥ 93      | F.                | rotal |
| Dry Bulb<br>Wet Bulb | <u> </u> | 783703   |               | 083            | 7.9            | 15.9                                             | 54      |         | 94      | 28       |                                              | 39.0    |         |         |             |            | +-        |                   |       |
| Dew Point            |          | 281579   |               | <del>571</del> | 4.0            | 17.3                                             | 02      |         | 94      | 33,      |                                              | 0.0     |         | +       |             |            | +         |                   |       |
| DEM FOINT            | L        |          |               |                |                | 7                                                |         |         | . 7     |          | ' '                                          | - 5.50  |         | 1       |             | L          | 1         |                   |       |

DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

FORT SMITH NWT DOT APT 57-66 26102 ۷۷۷ MONTH PAGE 1 0600-0800 HOURS ... 5. \*.

| Temp.       |                 |                |          |          |              | BULB .   |          |              |          |         |         |         |                                                  |                | - <del>-</del> |              | TOTAL       |         | TOTAL    |        |
|-------------|-----------------|----------------|----------|----------|--------------|----------|----------|--------------|----------|---------|---------|---------|--------------------------------------------------|----------------|----------------|--------------|-------------|---------|----------|--------|
| (F)         | 0 1 - 2         | 3 . 4          |          |          | 9 - 10       | 11 - 12  | 13 - 14  | 15 - 16      | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26                                          | 27 - 21        | 8 29 -         | 30 ≥ 31      | D.B. W.B.   | ry Bulb | Wet Bulb | Dew Po |
| 42/ 41      |                 |                | , •1     | ļ        | 1            |          |          |              |          |         |         |         | İ                                                |                |                |              | 1           | 1       | :<br>    |        |
| 4C/ 39      |                 | • 1            |          |          | L            |          |          |              |          |         |         |         | l                                                |                |                |              | 1           | 1       | <u> </u> | 1      |
| 38/ 37      |                 |                |          |          |              | 1        |          |              | 1        |         |         |         | }                                                |                |                |              | 5           | 5       |          |        |
| 36/ 35      |                 | . 2            |          |          |              | İ        |          |              |          |         |         |         |                                                  |                |                |              | 3           | 3       | 3        |        |
| 34/ 33      |                 | 9 4            | H        |          |              |          |          |              |          |         |         |         |                                                  |                |                |              | 12          | 12      |          |        |
| 32/ 31.     | • 9 1 •         | 6              |          |          |              |          |          | ĺ            | ĺ        |         |         |         | İ                                                | 1              |                |              | 19          | 19      | 19       | )      |
| 307 29      | .9 2.           |                |          |          | 1            |          |          |              |          |         |         |         |                                                  |                |                |              | 27          | 27      | 26       | 7      |
| 28/ 27      | 1.8 3.          | . 4            | :        | ì        | 1            | ļ        |          |              |          |         |         |         | i                                                | 1              |                |              | 46          | 46      | 42       |        |
| 26/ 25      | 1.5 2.          |                | :        |          | i            |          |          |              |          |         |         |         |                                                  | 1              |                |              | 37          | 37      | 41       | 3      |
| 24/ 23      | 1.7 2.          | q .1           | +        | i        | i            | ĺ        |          |              | l        |         |         |         | ĺ                                                | i              |                |              | 34          | 34      | 37       |        |
| 22/ 21      | 3.6 2.          | 4              |          |          | 1            | ļ —      |          | 1            |          |         |         |         | †                                                |                |                |              | 53          | 53      | 52       | 4      |
| 20/ 19      | 3.4 2.          | 4              | i        | ĺ        | ĺ            |          | 1        |              | 1        |         |         | ł       |                                                  |                | 1              |              | 55          | 55      | 57       | ' 3    |
| 187 17      | 2.9 1.          | 2              | 1        | -        |              |          |          |              |          |         |         |         | <del> </del>                                     | <del> </del> - |                |              | 37          | 37      | 42       | - 5    |
| 16/ 15      | 1.9 1.          | 1              | 1        |          | ĺ            | ł        |          | ļ            |          |         |         |         | i                                                | 1              |                |              | 27          | 27      |          |        |
| 14/ 13      | 2.2 2.          | 4              | ·        |          |              |          |          | <del> </del> |          |         |         |         | <del>                                     </del> | <del> </del>   | +              |              | 41          | 41      | 37       |        |
| 12/ 11:     | 5.2 1.          | 1              | !        | [        |              |          |          | 1            |          |         |         |         |                                                  | i              |                |              | 56          | 56      | 63       |        |
| 107 9       | 2.2 1.          |                | i        |          |              | i        |          |              |          |         |         |         |                                                  |                | +              |              | 30          | 30      |          |        |
| 8/ 7        |                 | 4              |          | ļ        | i            |          |          | 1            | ł        |         |         |         | ł                                                | 1              | 1              | 1            | 35          | 35      |          |        |
| 67 5        | 7.6             | 3              | •        |          |              |          |          | <del> </del> |          | -       |         |         |                                                  | <del> </del>   | -\             | <del></del>  | 25          | 26      |          |        |
| 4/ 3        |                 | 4              |          | i<br>I   |              |          | ĺ        |              |          |         |         |         |                                                  |                |                |              | 34          | 34      |          |        |
| 77 1        |                 | 6              |          |          | <del> </del> |          |          |              |          |         |         |         | <del> </del>                                     | <del> </del>   | +              | +-           | 31          | 31      | 34       |        |
| 0/ -1       |                 | 1              | i        |          |              | 1        |          |              | 1        | Į.      |         |         |                                                  |                | Ì              |              | 36          | 36      | -        |        |
| -27 -3      |                 | 3              |          |          |              |          |          | <del></del>  |          |         |         |         | <del> </del>                                     | <del> </del>   | +              |              | 27          | 27      | 25       |        |
| -4/ -5      |                 | 6              | 1        | }        | 1            |          |          | l            | ļ        |         |         |         |                                                  | }              | 1              |              | 30          | 30      |          |        |
| -6/ -7      |                 | 3              | !        |          | <b></b> -    |          |          |              |          |         |         |         |                                                  | <del> </del>   | +              |              | 19          | 19      | 17       | _      |
| -8/ -9      |                 | 4              |          |          |              |          |          |              |          |         |         |         |                                                  |                |                |              | 28          | 28      |          |        |
| 10/-11      | 2.0             | <del></del>    | <u> </u> | ļ        | <b>├</b>     |          |          | ļ            | ļ        | -       |         |         |                                                  | <b>├</b>       | <del> </del>   |              | 18          | 18      |          |        |
| 12/-13      |                 | 1              |          |          |              | i I      |          |              | ]        |         | 1       |         |                                                  |                | 1              |              | 18          | 18      |          |        |
| 14/-15      |                 | 2              | <b>↓</b> |          |              |          |          |              | <u> </u> |         |         |         |                                                  | ļ              | —-             |              | 18          | 18      | 19       |        |
| 16/-17      |                 | 2              |          | l        | 1            |          |          | j            | 1        |         |         |         | 1                                                | İ              | 1              | i            | - 1         |         |          | 1      |
| 18/-19      | 1.8             | -              | l        |          | <u> </u>     | <u> </u> | <u> </u> | L            | <u> </u> |         |         |         | <b></b>                                          | <u> </u>       | 1-             | <del> </del> | 16          | 16      | 15       |        |
| 20/-21      |                 | i              |          |          | ļ            |          |          |              | ĺ        |         |         |         |                                                  |                |                |              | 16          | 16      |          |        |
| 22/-23      | 1.1             | _              | i        | L        |              |          | L_       | <u> </u>     | <u> </u> |         |         |         | <u> </u>                                         | ↓              | ↓_             |              | 10          | 10      |          |        |
|             | 1.3             | •              |          |          |              |          |          |              | 1        |         |         |         | [                                                | 1              |                | - 1          | 12          | 12      | 12       |        |
| 24/-25      |                 | 1 <sub>1</sub> |          | <u> </u> |              |          |          | L            | <u> </u> |         |         |         |                                                  |                |                |              | 14          | 14      | 14       | 1      |
| Element (X) | Z <sub>X²</sub> |                | <b></b>  | ZX       |              | <u>x</u> | ·,       |              | No. Ob   | s.      |         |         |                                                  |                |                |              | h Temperatu | re      |          |        |
| Rel. Hum.   |                 |                | ļ        |          | _            |          | <b></b>  |              |          |         | ≤ 0     | F !     | 32 F                                             | ≥ 6            | 7 F            | ≥ 73 F       | ≥ 80 F      | ≥ 93 f  |          | Total  |
| Dry Bulb    | =               |                | l        |          |              |          | <u></u>  |              |          |         |         |         |                                                  |                | I              |              |             |         |          |        |
| Wet Bulb    |                 |                |          |          |              |          |          | $\bot$       |          |         |         |         |                                                  |                |                |              |             |         |          |        |
| Dew Point   |                 |                | 7 — —    |          |              |          |          |              |          |         |         |         |                                                  | 1              |                |              | 1           |         | 1        |        |

USAFETAC FOLM 0-26-5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOLER.

DATA PROCESSING OLVISION USAF ETAC AIR WEAT IER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NET DOT APT 57-66 NIJV 0600-0800 HOURS L. S. T. WE I BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 O 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 \* 31 D.B. W.B. Dry Bulb Dew Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point Dev Point De -26/-27 -26/-29 -30/-31 .3 Τō -32/-33 -34/-35 8 4 -36/-37 -38/-39 ī 1 -40/-41 TOTAL 59.728.6 1.3 .3 900 892 892 892 No. Obs. Mean No. of Hours with Temperature 82.6 7.677 7.816.494 7.815.703 6133922 299047 73652 : 32 F ≥ 67 F Rel. Hum. ≥ 73 F ≥ 80 F ≥ 93 F 7001 900 29.0 90 Dry Bulb 90 28.6 773988 6958 892 89.2 Wet Bulb 4.016.945 3547 90.0 90 35.5 Dew Point

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FLAT SMITH NET DOT APT 26162 57-66 MONTH -STATION NAME 0900-1100 PAGE 1 HOURS L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6  $\mathbf{J}_{i}$ 30/ 49 1 40/ 45 42/ 41 . 4 1 40/ 39 38/ 37 5 1.0 36/ 35 34/ 33 . 6 9 9 10 • 1 10 .3 I.6 32/ 31 19 19 .6 2.4 1.2 3.6 307 29 • 1 19 27 27 28/ 27 32 44 44 41 2.5 2.7 76/ 25 46 46 6] 27 24/ 23 36 36 29 49 22/ 21 1.7 2.5 37 20/ 19 18/ 17 3.1 2.1 1.5 2.2 22 47 49 47 33 33 27 47 16/ 15 3.0 1.1 37 37 49 31 2.7 1.7 14/ 13 32 31 37 37 12/ 11 59 66 66 42 2.8 1.6 49 39 39 45 8/ 2.5 . 1 7 29 28 31 41 5. 42 6/ . 5 ZB 29 3.2 1.0 4/ 3 38 38 37 31 77 1 31 38 38 25 . 8 0/ -1 37 2.4 30 30 32 -2/ -3 . 4 3.2 33 28 33 33 21 32 19 -4/ -5 1.6 1.3 34 26 26 2.2 25 -6/ -7 . 6 37 23 -8/ -9 23 . 0 20 20 1.8 -107-11 . 6 21 21 20 -12/-13 2.0 . 2 20 20 20 2 1 -14/-15 2.0 . 6 24 23 23 15 1.7 -16/-17 15 16 26 -18/-19 -20/-21 1.0 9 26 8 18 8 ΣX, z x X . ø,x No. Obs. Mean No. of Hours with Temperature - 93 F Rel. Hum. - 32 F - 73 F ≥ 80 F ≥ 67 F Dry Bulb

9

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Wet Bulb

26102 STATE N

SATA PROCESSING DIVISION JSAF ETAC AIR WEATHER SERVICE/MAC

FURT SMITH NWT DUT APT

# PSYCHROMETRIC SUMMARY

|             |            |       |       |       |                                              |              |       |                |        |               |               |               |                  |              |         |                | PAG                                    | 2        | 0900-        |        |
|-------------|------------|-------|-------|-------|----------------------------------------------|--------------|-------|----------------|--------|---------------|---------------|---------------|------------------|--------------|---------|----------------|----------------------------------------|----------|--------------|--------|
| Temp.       |            |       |       |       | ,                                            |              |       | TEMPERA        |        |               |               |               |                  |              |         |                | TOTAL                                  |          | TOTAL        |        |
| F .         | 0 3        | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8                                        | 9 - 10       | 11 12 | 13 - 14 1      | 5 - 16 | 17 - 18       | 19 - 20       | 21 - 22 23 -  | 24 25 - 26       | 27 - 28      | 29 - 30 | · 31           | D.B. W.B.                              | Dry Buib | Wet Buib [   | Dew Po |
| 22/-23      | • 9        |       |       |       |                                              |              |       | :              |        | . [           |               |               |                  |              |         |                |                                        | 8        | 3            | Ĩ      |
| 24/-25      | . 7        |       |       |       |                                              | <u>.</u>     | !     | L              |        | !             |               |               |                  |              |         |                | 6                                      | 6        | 6            |        |
| 26/-27      | <b>,</b> 4 |       | •     |       | :                                            |              | -:    |                |        | 7             | · · · - •     |               | :                |              |         |                | 4                                      | 4        | 4            | Ī      |
| 28/-29      | . 0        |       |       |       |                                              | !            |       | 1              |        |               |               |               |                  |              |         |                | 5                                      | 5        | 5            |        |
| 307-31      | - 4        |       |       |       | <u>-</u>                                     |              |       |                |        |               |               | · .           | •                |              |         | •              | , B.                                   | ð        | · 8          |        |
| 32/-33      |            |       |       |       | ļ                                            | ļ            | 1     |                |        |               |               |               |                  |              |         |                |                                        | 2        |              |        |
| 34/-35      |            |       |       |       | i –                                          | !            | †     |                |        | j             |               | 1             | •                | : .          |         | •              |                                        | Ž        |              |        |
| 36/-37      |            |       |       |       |                                              | i<br>i       |       | 1              |        | i l           |               |               |                  |              |         |                |                                        | 1        |              |        |
| 33/-39      |            |       | -     |       |                                              | <del></del>  | i –   |                |        | 1 - 1         |               |               | <b>→</b>         | +            |         |                | ·                                      | 1        |              |        |
| 40/-41      |            |       |       |       | 1                                            |              |       |                |        |               |               |               |                  |              |         |                |                                        | i        |              |        |
| 42/-43      |            |       |       |       | <del></del>                                  | 1            | +     |                |        | <del>  </del> |               |               | <del>- i</del> - | +            |         |                |                                        |          |              |        |
| UTAL        | 20.1       | 37.3  | 1.7   | . 7   | . 2                                          |              |       |                |        |               |               |               | 1                | . !          |         |                |                                        | 900      | 1            | 89     |
|             |            |       |       |       |                                              | }            | +     |                |        | +-+           |               |               | +                | <del></del>  |         | •              | - 393                                  | , ,,,,   | 893          | .,     |
|             |            |       |       |       | 1                                            |              | 1     |                |        |               |               | :             |                  | ' 1          |         |                | .,,                                    |          | 0.0          |        |
|             |            |       |       |       | ļ                                            |              | +     |                | ~      |               |               | <del></del>   |                  |              |         |                | - <b>-</b> - ·                         |          |              |        |
|             | 1          |       |       |       | !                                            | 1            |       |                |        |               | 1             |               | į                |              |         | !              |                                        |          |              |        |
|             |            | i     |       |       | ļ                                            | <b>⊢</b>     |       |                |        |               |               |               |                  | ++           |         |                | <del></del>                            |          |              |        |
|             |            |       |       |       | :                                            |              |       |                |        |               |               | ļ             |                  |              |         | i              | 1                                      |          |              |        |
|             |            |       |       |       | <u>.                                    </u> | i            |       |                |        |               |               |               |                  |              |         |                | 1                                      |          |              |        |
|             |            |       |       |       |                                              |              |       | 1 1            |        |               |               | 1             | ł                |              |         | i              |                                        |          |              |        |
|             |            |       | :     |       | ļ                                            |              |       |                |        |               |               |               |                  |              |         | <u> </u>       | L l                                    |          |              |        |
|             |            |       | ,     |       |                                              | İ            |       |                |        | 1 1           |               |               |                  |              |         |                |                                        |          |              |        |
|             |            | :     |       |       |                                              |              |       |                |        | 1 1           | -             | j             |                  | 1            |         |                | 1                                      |          |              |        |
|             |            |       |       |       | i                                            |              |       |                |        |               |               |               |                  |              |         |                |                                        |          | ,            |        |
|             |            |       |       |       | ĺ                                            | ļ            |       |                |        | 1 1           |               | j             |                  | 1            |         | ]              |                                        |          | i            |        |
|             |            |       |       |       |                                              |              |       |                |        | 11            |               |               |                  | 1            |         |                | 1                                      |          | ·            |        |
|             |            |       |       |       | ļ                                            |              |       |                |        |               | - 1           |               |                  | 1            |         | 1              |                                        |          | 1 1          |        |
|             | · ·        |       |       |       | † — —                                        | †            | 1     |                |        | 1             |               |               | _                | 1            |         | <del> </del> - | +                                      |          | +            |        |
|             |            |       |       |       |                                              |              |       |                |        |               |               |               |                  |              |         | İ              |                                        |          | 1            |        |
| -           | ·          |       |       |       |                                              | <del>-</del> | +     |                |        | +             |               |               | _                | +- +         |         | <del> </del>   | +                                      |          | ++           |        |
|             |            |       | -     |       | ŧ                                            | ļ            | i     |                |        |               |               |               |                  |              |         | ]              |                                        |          |              |        |
|             | • - [      |       | !     |       | ł                                            | <del> </del> | +     |                |        | +-+           |               |               | <del></del>      | +-+          |         | <del> </del>   | +                                      |          |              |        |
|             | +          |       | i     |       |                                              | l            |       |                |        |               |               |               |                  |              |         | 1              |                                        |          |              |        |
|             |            |       |       |       |                                              | ļ            | +     |                |        | +-+           |               |               |                  | <del> </del> |         | —              | <b></b>                                |          | <b>├</b> ─── |        |
|             |            |       |       |       |                                              | ļ            |       | 1 1            |        |               |               |               | !                |              |         | 1              |                                        |          |              |        |
| Element (X) | 2          | εχ'   |       |       | Σχ                                           | <del></del>  | X     | σ <sub>x</sub> |        | No. Ob:       | <del>  </del> |               |                  | Magn M       | o of 14 |                | th Temperate                           |          |              |        |
| Rel. Hum.   | <b>-</b>   |       | 1720  |       | 726                                          | OA           |       | 8,4            | . 7    |               | 93            |               | ≤ 32 F           |              |         |                | ·, · · · · · · · · · · · · · · · · · · |          |              |        |
| Dry Bulb    |            |       | 8413  |       | 70                                           | 23           | 8.7   | 16.00          |        |               | 00            | ≤ 0 F<br>26.8 | 86.9             | ≥ 67         | -       | 73 F           | > 80 F                                 | ≥ 93 1   | - !          | otal B |
|             |            |       | 1236  |       |                                              | 22           |       | 13.20          |        |               | 93            | 27.3          | 88.              |              | -       |                | <b>\</b>                               |          |              | 9      |
| Wer Bulb    |            |       | 1987  |       |                                              | 97           |       |                |        |               | 93            |               |                  |              |         |                | ļ                                      | ļ        |              | 9      |
| Dew Point   | 1          | 20    | 1201  |       | 37                                           | 71           | 7+2   | 16.54          | , 4    |               | 7.5           | 35.0          | 89.8             | ין           |         |                | 1                                      |          |              | 9      |

57=66

USAFETAC FORM 0.26-5 (OL.A) REVISTO REVIOUS EDITORS OF THIS FORM ARE THE

CATA PROCESSING DIVISION USAF ETAC.
AIR PEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102            | P (3 | KT S  | нітн  |            | DOT<br>ATION NAM |                |          |                                        |        | 57-         | 66      |              |             |        | ARS               |              |               |             |          |                | UV     |
|------------------|------|-------|-------|------------|------------------|----------------|----------|----------------------------------------|--------|-------------|---------|--------------|-------------|--------|-------------------|--------------|---------------|-------------|----------|----------------|--------|
| . ,              |      |       |       | 3          |                  | •              |          |                                        |        |             |         |              |             |        |                   |              |               | PAGE        | 1        | 1200<br>HOURS  | -140   |
| Temp             |      |       | ,     |            |                  |                |          | EMPERA                                 |        |             |         |              |             |        |                   |              |               | TOTAL       |          | TOTAL          |        |
| iF<br>FKTTFT     | . 0  | 1 . 2 | 3 - 4 | 5 - 6      | 7 - 8 9          | - 10 1         | 1 - 12 1 | 3 - 14 1                               | 5 - 16 | 17 - 18     | 19 - 20 | 21 - 22 2    | 23 - 24 2   | 5 - 26 | 27 - 28 2         | 9 - 30       | × 31          | D.B. W.B. D | ry Bulb  | Wet Bulb       | Dew Po |
| 52/ 51 50/ 49    |      |       | 1     |            | • 1              | . 2            |          | i                                      |        |             |         |              |             |        | !!                | ľ            | i             | 2           | 2        |                |        |
| 44/ 43           |      |       |       | .1         | • 1              |                |          |                                        |        |             |         |              |             | —-     | <b>├</b> ─        | +-           |               | <u>1</u>    | 1        |                |        |
| 42/ 41           |      |       | . 2   | . 2        | Ī                | -              |          |                                        |        |             |         | 1            |             |        |                   |              |               | 4           | 4        | 3              | !      |
| 407 39           |      | · · Z | T     |            |                  |                |          |                                        |        |             |         | <del>-</del> |             |        |                   |              |               | 4           | 4        | - 7            |        |
| 38/ 37           |      | • 1   |       | . 4        |                  |                |          |                                        |        |             |         |              |             |        |                   | ĺ            |               | 14          | 14       | 4              | !      |
| 36/ 35           |      | .1    | . 6   |            |                  | 1              |          |                                        |        |             |         |              |             |        |                   |              |               | 9           | 3        | 7              |        |
| 34/ 33           |      | 2.3   | . 8   | i          |                  |                |          |                                        |        |             |         |              |             |        |                   |              |               | 29          | 29       |                |        |
| 32/ 31<br>30/ 29 | 1.1  |       | . 3   | j          | Į                | :              | İ        | i                                      |        |             |         |              | į           |        |                   |              |               | 20<br>31    | 20       | 34<br>32       |        |
| 28/ 27           | 1.2  |       | •1    |            |                  |                | l        |                                        |        |             |         | <del> </del> |             |        | <u> </u>          |              |               | 40          | 31<br>40 | 34             |        |
| 26/ 25           | 1.2  |       |       | +          | ļ                | í              |          |                                        |        |             |         |              |             |        | ĺ                 | 1            | i             | 50          | 50       | 49             |        |
| 24/ 23           | 1.0  |       |       |            |                  | -              |          | +                                      |        |             |         |              | -           |        |                   | <del>-</del> |               | 35          | 35       | 43             |        |
| 22/ 21           | .7   | - ;   | i     | İ          | 1                |                | į        |                                        |        |             |         |              | i           |        |                   | 1            |               | 31          | 31       | 30             |        |
| 207 19           | 2.2  |       |       |            | i                |                |          | 1                                      |        |             |         |              | T           |        |                   |              |               | 48          | 48       | 47             | 7      |
| 18/ 17           | 1.2  |       | !     |            |                  |                |          |                                        |        |             |         |              |             |        |                   |              |               | 30          | 30       | 40             | i      |
| 16/ 13           | 2.2  | 3.3   |       | j          | - 1              |                |          | 1                                      |        |             |         |              |             |        |                   | ļ            |               | 50          | 50       | 44             |        |
| 127 11           | 7.4  | 2.7   |       |            |                  |                | +        |                                        |        |             |         |              |             |        |                   |              |               | 56<br>46    | 58<br>46 | 55             | 3      |
| 10/ 9            | 2.3  | 2.6   | i     | - 1        | -                |                | 1        |                                        |        |             |         |              |             |        |                   |              |               | 44          | 44       | 48             |        |
| 8/ 7             | 1.7  | 1.3   |       | +          |                  | -+             |          |                                        |        |             |         |              |             |        | <del> </del>      |              | <del>i</del>  | 27          | 27       | 31             |        |
| 6/ 5             | 2.2  | 1 . 1 | 1     | i          |                  |                | i        | i                                      |        |             |         |              | ł           |        |                   |              |               | 30          | 30       | 31             | 1      |
| 4/3              | 2.4  | 1.2   |       |            |                  |                |          |                                        |        |             |         |              |             |        |                   |              |               | 33          | 33       | 31             | 7      |
| 2/ 1             | 2.6  |       | :     | 1          |                  |                |          |                                        |        |             |         |              |             |        |                   |              |               | 28          | 28       | 33             | 4      |
| $\frac{0}{-2}$   | 2.8  |       |       | - 1        |                  |                | į        |                                        |        | ļ           |         |              |             |        |                   | - 1          | ļ             | 37          | 37       | 34             | 2      |
| -4/ -5           | 2.2  |       |       | <u>.</u> L |                  |                | <u> </u> |                                        |        |             |         |              |             |        |                   |              |               | 38          | 38       | 34             |        |
| -6/ -7           | 2.3  | . 4   |       | - 1        |                  |                | i        | i                                      |        |             |         |              |             |        |                   |              | i             | 25          | 38<br>25 | 41<br>31       | 3      |
| -8/ -9           | 2.0  |       |       |            |                  | -              |          |                                        |        | —— <u> </u> |         | <del></del>  |             |        |                   | -+           |               | 23          | 23       | 22             | 2      |
| -10/-11          | 1.3  | . 4   |       |            |                  |                |          | i                                      |        | j           |         |              |             |        |                   |              |               | 16          | 16       | 17             | ž      |
| -127-13          | 1.7  | ,     |       |            |                  |                |          |                                        |        |             |         | <del></del>  |             |        |                   | +            | _             | 17          | 17       | 16             | 3      |
| -14/-15          | 1.1  | • 1   |       |            |                  |                |          |                                        |        |             |         |              |             |        |                   |              |               | 11          | 11       | 12             | 1      |
| -16/-17          | • B  | - 1   | 7     | Ţ          |                  |                |          |                                        |        |             |         |              |             |        |                   |              |               | 7           | 7        | 7              | 2      |
| 18/-19           | . 4  |       |       |            |                  | <del>, L</del> |          | ــــــــــــــــــــــــــــــــــــــ |        |             |         |              |             |        | للنيا             |              |               | 4           | 4        | 4              | 1      |
| Rel. Hum.        |      | Σχ'   |       |            | X                | +              | X        |                                        |        | No. Ob      | s.      |              | : 3         | 2 = 1  | Mean No<br>≥ 67 F |              |               | Temperatur  |          | π-             |        |
| Dry Bulb         |      |       |       |            |                  | <del></del>    |          |                                        | +-     |             |         | ± 0 F        | +:3         | 2 F    | 20/1              | 2 73         | , r           | * 80 F      | ≥ 93 F   |                | Total  |
| Wer Bulb         |      |       |       |            |                  | +              |          |                                        | +      |             | -+      |              | +           |        |                   | +            | -+            |             |          |                |        |
| Dew Point        | ·    |       |       |            |                  |                |          |                                        | +      |             |         |              | <del></del> |        | <del></del>       | <del></del>  | $\rightarrow$ |             |          | <del>-  </del> |        |

DATA PROCESSING DIVISION USAF ETAC AIR HEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 26102              | FO  | AT S | MITH         | NET     | UUT     | APT           | •            |           |               | 57-                                              | 66                                           |                |                                                  |              |                |                |              |               |          | N           | ijV     |
|--------------------|-----|------|--------------|---------|---------|---------------|--------------|-----------|---------------|--------------------------------------------------|----------------------------------------------|----------------|--------------------------------------------------|--------------|----------------|----------------|--------------|---------------|----------|-------------|---------|
| STAT ON            |     |      |              | S       | ATION N | AME           |              |           |               |                                                  |                                              |                |                                                  | Y            | EARS           |                |              |               |          | MON         | (TH     |
|                    |     |      |              |         |         |               |              |           |               |                                                  |                                              |                |                                                  |              |                |                |              | PAG           | ξŽ       | 1200        | -140    |
|                    |     |      |              |         |         |               |              |           |               |                                                  |                                              |                |                                                  |              |                |                |              |               |          | HOURS I     | . S. T. |
| Temp.              |     |      |              |         | ,       |               |              | TEMPE     |               |                                                  |                                              |                |                                                  |              |                |                |              | TOTAL         |          | TOTAL       |         |
| (F)                | 0   |      | 3 - 4        | 5 - 6   | 7 - 8   | 9 - 10        | 11 - 1       | 2 13 - 14 | 15 - 16       | 17 - 18                                          | 19 - 20                                      | 21 - 22        | 23 - 2                                           | 4 25 - 26    | 5 27 - 28      | 29 - 30        | ≥ 31         | D.B. W.B.     | Dry Bulb | Wet Bulb    |         |
| -20/-21<br>-22/-23 | . 3 |      | :<br>        | :       |         |               |              |           |               |                                                  | }                                            |                |                                                  | 1            |                | }              | 1            | 3             | 3        | 3           | 1       |
| -24/-25            | • • |      |              |         |         |               |              |           | 1             |                                                  |                                              |                | 1                                                | T            | $\dagger$      |                |              | 7             | 7        | 6           |         |
| -26/-27            | . 4 |      |              |         |         |               | <u> </u>     | <u> </u>  |               |                                                  |                                              |                |                                                  |              |                |                |              | 4             | 4        | 5           |         |
| -28/-29            | • 2 | 1    |              |         |         | ļ             |              | İ         |               |                                                  |                                              |                |                                                  | 1            |                |                |              | 2             | 2        | 2           |         |
| -30/-31            |     | :    | i            |         |         | ļ             |              | 1         | ļ             | ļ                                                |                                              |                | <u> </u>                                         |              |                |                | L            | ļļ            |          |             |         |
| -32/-33<br>-34/-35 | i   | į    |              |         |         |               |              |           | İ             |                                                  |                                              |                | 1                                                | 1            | 1              |                | -            | [ [           |          |             |         |
| -38/-39            |     |      |              |         |         | <u> </u>      | -            |           | <del> </del>  | <del> </del>                                     |                                              | <u> </u>       | <del> </del>                                     |              | $\perp$        | <del> </del>   | <u> </u>     |               |          |             |         |
|                    | 8.2 | 47.2 | 3.1          | 1.1     | . 1     | . 2           |              |           |               |                                                  |                                              |                |                                                  | 1            |                |                |              |               | 900      |             | 90      |
|                    |     |      |              |         |         |               | -            |           |               | <del> </del>                                     |                                              |                | -                                                | _            | +              | <del> </del>   | <del> </del> | 900           |          | 900         |         |
|                    | -   |      |              |         |         |               |              |           |               |                                                  |                                              |                |                                                  | l            | į.             | [              |              |               |          |             |         |
|                    |     |      |              |         |         |               |              |           |               | -                                                |                                              |                | <del>                                     </del> |              |                |                | †·           | <del> </del>  |          | <del></del> |         |
|                    |     | i    |              |         |         |               |              | <u> </u>  | L             | <u> </u>                                         |                                              |                | 1                                                |              | <u> </u>       |                | ١            | <u> </u>      |          | i           |         |
| •                  |     |      |              | :<br>   |         | j             |              | 1         | 1             |                                                  |                                              | 1              |                                                  | i            | !              |                | 1            |               |          |             | -       |
| :                  |     |      |              |         |         | Ļ             | ļ            |           | L             | ļ                                                |                                              | <b></b> _      | ļ                                                |              |                |                | L            | ļ             |          |             |         |
|                    |     |      |              |         |         | ļ             | ì            | i         | 1             | İ                                                |                                              | 1              |                                                  | 1            | 1              |                |              |               |          | i .         |         |
| i-                 |     |      |              | i       |         | <del></del> - | ļ            |           | <del> </del>  | <b></b>                                          |                                              |                | ļ                                                | ┼            | <b>├</b>       | ļ              | ļ            | ļ             |          | ļ           |         |
|                    | 1   |      |              | i       |         | i             |              | 1         |               | ĺ                                                |                                              |                | ł                                                |              |                |                |              |               |          |             |         |
| · · ·              | :   |      |              |         |         | <del> </del>  | <del></del>  |           | <del> </del>  | ļ                                                | <del></del>                                  | <del> </del>   | <del> </del>                                     | +            | <del> </del> - | <del> </del>   |              | ł             |          |             |         |
|                    |     |      |              |         |         | 1             |              | 1         |               |                                                  |                                              | 1              | 1                                                | 1            | 1              |                |              | i             |          | !           |         |
|                    |     |      |              |         |         | <del> </del>  |              |           | +             | <del>                                     </del> |                                              | <del> </del> - |                                                  | <del>-</del> | <del> </del>   | <del> </del>   | ļ            | <del>  </del> |          | <u> </u>    |         |
|                    | ŀ   | ì    |              |         |         | 1             |              | i i       |               |                                                  |                                              | 1              |                                                  | l            |                |                |              |               |          |             |         |
|                    |     |      |              |         |         |               | <del> </del> |           | <del> </del>  | <del>                                     </del> | <del> </del>                                 | <del> </del>   | +                                                | <del></del>  | +              | <del>  -</del> | <del> </del> | t t           |          | :           |         |
| 1                  | 1   |      |              | :       |         | i             |              |           | 1             | ĺ                                                | ĺ                                            |                |                                                  |              | i              | l              |              |               |          |             |         |
|                    |     |      |              |         |         |               |              |           |               |                                                  |                                              |                |                                                  | <u> </u>     |                |                |              |               |          |             |         |
| . 1                | ,   | ]    |              | 1       |         | }             |              | İ         |               |                                                  |                                              |                | ]                                                | İ            | İ              |                | 1            |               |          |             |         |
| 1                  |     |      |              |         |         |               |              |           |               |                                                  |                                              |                | 1                                                |              |                |                |              |               |          |             |         |
|                    |     |      |              |         |         |               |              |           | L             | <u>.</u>                                         | l                                            | ļ              | L                                                | 1            | <u> </u>       | <u></u>        | L            |               |          | <u>.</u>    |         |
|                    | i   | ļ    |              |         |         |               |              | -         |               |                                                  |                                              |                |                                                  | _            | _              |                |              |               |          | 1           | -       |
|                    |     | 4    | 1            |         |         |               | ļ            |           | <del> </del>  | <u> </u>                                         | l                                            | ļ              |                                                  | ↓            | ļ              |                | ļ            | ·<br>         |          |             |         |
| 1                  |     |      |              |         |         |               |              | 1         |               |                                                  |                                              | Į.             |                                                  |              | (              | 1              |              | i,            |          |             |         |
| Element (X)        |     | Σχ'  |              |         | Σχ      | $\vdash$      | <del> </del> | + -,      | <del></del>   | No. Ob                                           | <u>.                                    </u> | <u></u>        | <u> </u>                                         |              | Mean           | No. of M       | Ours will    | h Temperat    |          | L           |         |
| Rel. Hum.          |     |      | 6017         |         | 711     | 41            | 79:          | 0 8.9     | 189           |                                                  | 00                                           | ± 0            | F                                                | ± 32 F       | me on          |                | 73 F         | - 80 F        | → 93 1   | · · · · · · | otal    |
| Dry Bulb           |     |      | 7 <u>133</u> |         | 103     | 89            | 11.          | 514.8     | 7 <b>11</b> - |                                                  | 00                                           |                | . 5                                              | 83.6         |                |                |              |               | +        | '           | 9       |
| Wet Bulb           |     | 78   | 7691         |         | 97      | 23            |              | 814.2     |               | 9                                                | 00                                           |                | 7                                                | 86.8         | 3              |                |              | <del>i</del>  | -        | <del></del> | 9       |
| Dew Point          |     | 75   | 4312         | <b></b> | 56      | 08            | 6.           | 215.6     | 21            | 9                                                | 00                                           | 31             | 5                                                | 89.0         | 5              |                |              | †             | +        |             | 7       |

#### PSYCHROMETRIC SUMMARY

26102 FORT SMITH NWT DOT APT 57=66 STATION NAME 1500-1700 PAGE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 52/ 51 48/ 47 46/ 45 44/ 43 4 3 40/ 39 6 38/ 37 . 2 36/ 35 16 16 34/ 33 32/ 31 2.6 . 3 23 35 25 25 12 25 28 1.2 1.9 30 30 30/ 29 40 40 28/ 27 32 43 54 26/ 25 1.6 3.2 43 43 44 24/ 23 22/ 21 36 41 48 36 43 34 37 38 41 45 20/ 19 18/ 17 16/ 15 41 1.4 3.0 2.0 2.3 38 35 35 30 147 34 54 13 3.3 33 40 40 50 12/ 11 1.8 47 2.4 1.4 3.2 1.0 3.0 1.4 2.0 1.4 35 35 37 35 41 38 38 8/ 7 26 34 40 40 61 5 30 - <del>3</del> 31 31 4/ 41 36 21 3.2 1.3 29 29 33 0/ -1 29 2.4 37 35 39 39 3.8 1.4 -2/ -3 24 29 -4/ -5 -6/ -7 31 2.0 28 30 20 28 22 22 . 8 1.7 22 17 19 .7 22 22 -8/ -9 2.1 1.2 17 17 -107-11 -12/-13 -14/-15 -10/-17 . 3 18 18 21 21 20 2.1 . 2 15 15 1.6 . 1 Z X Mean No. of Hours with Temperature No. Obs. Element (X) ž X ≥ 67 F ≥ 73 F ≥ 80 F + 93 F Rel. Hum. ± 0 F : 32 F Dry Bulb

REVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE (OL A)

> Wet Bulb Dew Point

OATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SHITH NWT DOT APT

#### **PSYCHROMETRIC SUMMARY**

NOV

| STAT IN               |                                       |           | STATION N   | AME          |              |                                                  |                |         |          |                                                  |          | YE     | ARS       |                 |      |           |          | MON           |     |
|-----------------------|---------------------------------------|-----------|-------------|--------------|--------------|--------------------------------------------------|----------------|---------|----------|--------------------------------------------------|----------|--------|-----------|-----------------|------|-----------|----------|---------------|-----|
|                       |                                       |           |             |              |              |                                                  |                |         |          |                                                  |          |        |           |                 |      | PAG       | E 2      | 1500-         | - 1 |
| Temp.                 |                                       |           |             | WET          | BULB         | TEMPER                                           | ATURE          | DEPRE   | SSION (  | F)                                               |          |        |           |                 |      | TOTAL     |          | TOTAL         | _   |
| (F)                   | 0 1 - 2                               | 3 - 4     | 5 - 6 7 - 8 | 9 - 10       | 11 - 12      | 13 - 14                                          | 15 - 16        | 17 - 18 | 19 - 20  | 21 - 22 2                                        | 3 - 24 2 | 5 - 26 | 27 - 28 2 | 9 - 30          | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb      | De  |
| -18/-19               | . 4                                   |           | i           | † ·          | 1            | 1                                                |                |         |          |                                                  |          |        |           |                 |      | 4         | 4        |               |     |
| -20/-21               | • 2                                   | 1         |             | İ            | 1            |                                                  |                |         |          |                                                  |          | 1      | 1         |                 |      | 2         | 2        | 2             |     |
| -22/-23               |                                       | :         |             | į            |              | 1                                                |                |         |          |                                                  |          |        |           |                 |      |           |          |               | _   |
| -24/-25               | · · · · · · · · · · · · · · · · · · · |           |             | 1            | [            | :                                                |                |         |          |                                                  |          | ļ      | - !       |                 |      | 6         | 6        | 6             |     |
| -26/-27               |                                       |           |             |              | 1            |                                                  |                |         |          |                                                  |          |        |           |                 |      | - 6       | 6        | 6             |     |
| 28/-29                |                                       |           |             | i            | 1            |                                                  |                |         |          |                                                  |          |        |           |                 |      | 2         | 2        | 2             |     |
| 30/-31                |                                       | •         |             |              |              |                                                  |                |         |          |                                                  |          |        |           |                 |      |           |          |               |     |
| -32/-33               |                                       |           |             |              |              | ļl                                               |                |         |          |                                                  |          |        |           |                 |      | 1         | 1        | 1             | _   |
| -34/-35               |                                       | ļ         | :           |              | 1            | ] ]                                              |                |         |          | ΙΤ                                               |          |        | T         | I               |      |           |          |               |     |
| -36/-37               |                                       |           |             |              | ļ            | <u> </u>                                         |                |         |          |                                                  |          |        |           |                 |      |           |          |               |     |
| -407-41<br>TUTAL      | 52.244.                               | أدراه     |             | ╛.           |              |                                                  |                |         |          |                                                  |          |        |           |                 |      |           |          | 1             |     |
| TUTAL                 | 32.244.1                              | 0 1.0     | .9 .2       | • 1          | 4            | ļl                                               |                |         |          | L                                                |          |        |           |                 |      | - 3.5.4   | 900      |               |     |
|                       |                                       | - 1       | i           |              |              | }                                                |                |         |          |                                                  | !        | -      | 1         |                 |      | 900       |          | 900           |     |
|                       | ·                                     |           |             | <del> </del> |              | <del>                                     </del> |                |         |          | ļ <u>-</u>                                       |          |        |           |                 |      |           |          | <b></b>       |     |
|                       |                                       | 1         | 1           |              |              |                                                  |                |         |          |                                                  | [        | ſ      | f         |                 |      |           |          | 1 1           |     |
|                       | •                                     | - 1       |             | <del> </del> | +            | <del>  </del>                                    |                |         |          |                                                  |          |        |           |                 |      |           |          | <del>  </del> |     |
|                       |                                       | i j       |             |              |              |                                                  |                |         |          |                                                  |          | İ      |           |                 |      |           |          | i 1           |     |
|                       |                                       | 1         |             |              | +            | -                                                |                | -       |          | -                                                |          |        |           | $\rightarrow$   |      |           |          | $\vdash$      |     |
|                       | •                                     |           |             |              |              |                                                  |                |         |          |                                                  |          |        | [         |                 |      |           |          |               |     |
|                       |                                       | · • • -   |             |              | +            |                                                  |                |         |          |                                                  | -+       |        | +         |                 |      |           | •        |               |     |
|                       |                                       | i !       |             |              |              |                                                  |                | ļ       |          |                                                  |          | l      |           |                 |      |           |          | !             |     |
|                       | 4                                     |           |             | <del> </del> | <del> </del> | tt                                               |                |         |          | <del>                                     </del> | -+       |        | +         |                 |      | -         |          | <del></del>   |     |
|                       |                                       |           | -           |              | -            |                                                  |                |         |          |                                                  |          | ļ      |           | İ               |      |           |          |               |     |
|                       |                                       | - ·       |             |              |              |                                                  |                |         | -        |                                                  |          |        |           | $\neg \uparrow$ |      |           |          |               |     |
|                       |                                       |           |             |              | 1            |                                                  |                |         |          |                                                  |          |        | i         |                 |      |           |          | ( i           |     |
|                       |                                       | 1 !       |             |              | 1            |                                                  |                |         |          | ·                                                |          |        |           |                 |      |           |          |               |     |
|                       | Li                                    |           |             |              |              |                                                  |                |         |          |                                                  | ]        |        |           |                 |      |           |          |               |     |
|                       | (                                     |           |             |              |              |                                                  |                |         |          |                                                  |          |        |           |                 |      |           |          |               |     |
|                       | ii                                    | 1         |             |              | <u> </u>     | $oxed{oxed}$                                     |                |         |          |                                                  |          |        |           |                 |      |           |          |               |     |
|                       |                                       |           |             | ļ            |              |                                                  |                | ļ       |          | Į Ţ                                              |          | Ţ      | Ţ         | Ţ               | ٦    |           |          | i T           |     |
|                       |                                       | ļ. — - J. |             | ļ            |              | <b></b>                                          |                |         |          |                                                  |          |        |           |                 |      |           |          | $\sqcup$      |     |
|                       | !                                     |           |             |              |              |                                                  |                |         |          |                                                  |          |        |           |                 | i    | i         |          | i T           |     |
|                       | <u> </u>                              |           |             | <u> </u>     | <u> </u>     | ليل                                              |                | ليبيا   |          | <u></u>                                          |          |        |           |                 |      |           |          |               |     |
| Element (X)           | Σχ²                                   | 96737     | 718         | 21           | - X          | 8.5                                              | <b>= 2</b>     | No. Ob  | 5.<br>00 |                                                  |          |        |           |                 |      | Temperat  | -        |               |     |
| Ref. Hum.<br>Dry Bulb |                                       | 05679     | 719         | 25           | 10.          | 14.9                                             | 76<br>78       |         | 00       | ± 0 F                                            | ≤ 3      | 2 F    | ≥ 67 F    | * 7             | 73 F | ≥ 80 F    | e 93 I   | <u></u>       | ota |
| Wet Bulb              |                                       | 80087     |             | 33           | 10.1         | 14.4                                             | 38             |         | 00       | 23.                                              | 9 P      | 7.3    |           |                 |      |           | +        |               |     |
| Dew Point             |                                       | 53379     |             | 87           | 3.1          | 15.7                                             | 57             |         | 00       | 33.                                              | 7 R      | 9.3    |           | <del></del>     |      |           | +        | $\dashv$ —    |     |
| DEW 1 UID)            |                                       |           |             | ,            |              | ·                                                | <del>-</del> ' |         |          | 730                                              | • "      |        |           |                 |      |           | 1        | i             |     |

37-66

#### PSYCHROMETRIC SUMMARY

57-66 NUV FURT SMITH NWT DUT APT 26102 STAT IN NAME PAGE 1 1800-2000 HOURS L. S. T. TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 3 - 4 5 - 6 42/ 41 40/ 39 • 1 38/ 37 . 2 36/ 35 34/ 33 32/ 31 30/ 29 . 3 19 19 19 30 30 25 15 1.2 2.1 29 32 32 32 28/ 27 1.2 2.3 26 2.2 4.4 26/ 25 44 44 61 24/ 23 40 45 45 55 22/ Z1 20/ 19 38 2.2 1.4 45 33 33 41 29 25 33 18/ 17 1.8 1.4 45 41 16/ 15 14/ 13 45 28 31 32 56 36 3.7 2.6 35 35 43 49 12/ 11 2.6 1.3 43 107 3.9 . 8 38 38 40 38 3.3 . 9 8/ 7 43 2.1 .6 24 24 67 5 33 33 33 32 4/ 3 2/ 1 3.2 37 37 19 38 38 40 31 0/ -1 . 6 28 28 28 34 -27 . 3 7.8 -3 23 22 44 . 2 23 -4/ -51 2.3 22 22 22 31 -6/ -7 2.0 28 28 29 19 -8/ -9 2.8 2.3 22 22 22 14 10/-11 -1 -12/-13 -14/-15 -16/-17 17 17 18 23 . 2 24 22 29 2.4 14 14 16 20 1.6 16 17 17 17 -18/-19 1.7 15 15 15 20 -20/-21 16 =22/=23 =24/=25 16 . 2 No. Obs. Mean No. of Hours with Temperature Element (X) ZX ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. ± 0 F ≤ 32 F ≥ 67 F Total Dry Bulb

Wet Bulb

DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NWT DOT APT

#### **PSYCHROMETRIC SUMMARY**

NUV

|             |      |              |       |       |            |      |          |                                                  |         |                                               | _       |                                        |        |                                                  |                                              |         |          | PAG          | £ 2      | 1800                                             |                |
|-------------|------|--------------|-------|-------|------------|------|----------|--------------------------------------------------|---------|-----------------------------------------------|---------|----------------------------------------|--------|--------------------------------------------------|----------------------------------------------|---------|----------|--------------|----------|--------------------------------------------------|----------------|
| Temp.       |      |              |       |       |            |      |          | TEMPERA                                          |         |                                               |         |                                        |        |                                                  |                                              |         |          | TOTAL        |          | TOTAL                                            | _              |
| (F)         |      |              | 3 - 4 | 5 - 6 | 7 - 8 9    | - 10 | 11 - 12  | 13 - 14                                          | 15 - 16 | 17 - 18                                       | 19 - 20 | 21 - 22 2                              | 3 - 24 | 25 - 26                                          | 27 - 28                                      | 29 - 30 | ≥ 31     | D.B./W.B.    | Dry Bulb | Wet Buib                                         | D              |
| -26/-27     | . 4  |              |       |       |            |      |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         |          | 4            | 4        | , 4                                              | Γ              |
| -28/-29     | • 6  |              | i     | į     |            | - 1  |          | 1                                                |         | Ì                                             |         | 1                                      |        | 1                                                |                                              |         |          | 5            | 5        | 5                                                | l              |
| =30/-31     |      |              | + .   |       |            |      |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         |          |              |          |                                                  | Γ              |
| -32/-33     | - 1  |              |       | ĺ     |            | - 1  | '        | ! !                                              |         | ĺ                                             |         |                                        |        | } ;                                              |                                              |         | ł        | 1            | 1        | . 1                                              | ļ              |
| -34/-35     | . 7  |              |       | 1     |            |      |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         |          | - 6          | 7        | 6                                                | Г              |
| -36/-37     |      | - 1          | į     | - 1   |            | - }  |          | 1 1                                              |         | 1                                             |         | ]                                      |        |                                                  |                                              |         | )        |              |          | 1 1                                              | ļ              |
| -30/-39     |      |              | — i   |       |            |      |          |                                                  |         |                                               |         |                                        |        |                                                  | ~                                            |         |          |              |          |                                                  | ۲              |
| -40/-41     |      |              |       | Į     |            | }    |          | 1 1                                              |         | ) .                                           |         |                                        |        | ]                                                |                                              |         | 1        |              |          |                                                  |                |
| -44/-45     |      |              |       |       |            |      |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         |          | 1            |          |                                                  | Г              |
| TUTAL       | 53.8 | 34.5         | 1.2   | . 4   | -          | J    |          | 1 1                                              |         | ]                                             |         |                                        |        |                                                  |                                              |         | 1        |              | 900      |                                                  | ĺ              |
|             |      |              |       |       |            |      |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         |          | 299          |          | 899                                              | t              |
|             |      |              |       |       | -          | Ì    |          | ] [                                              |         |                                               |         |                                        |        |                                                  |                                              |         | 1        |              |          | ) i                                              | ĺ              |
|             |      |              |       |       |            |      |          |                                                  |         |                                               |         |                                        |        | 1                                                |                                              |         |          |              |          |                                                  | t              |
| J           |      |              | }     |       |            | )    |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         | 1        |              |          | '                                                |                |
|             |      |              |       |       |            |      |          | 1                                                |         |                                               |         |                                        |        |                                                  |                                              |         |          | <del> </del> |          | † — ·                                            | t              |
|             |      |              |       |       | 1          | ]    |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         |          | 1            |          |                                                  | 1              |
| <u></u>     |      | <del>-</del> |       |       |            |      |          | 1 1                                              |         |                                               |         |                                        |        | <del> </del>                                     |                                              |         |          | <del> </del> |          | <del>                                     </del> | <u> </u>       |
| ļ           |      | i            | i     | !     | 1          |      |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         | ĺ        |              |          |                                                  |                |
| h — — —     |      |              |       |       |            |      |          | <del>                                     </del> |         | <del> </del>                                  |         |                                        |        | <del>                                     </del> |                                              |         |          | <del> </del> |          | <del></del>                                      | H              |
| 1           |      | į            |       |       | 1          | ļ    |          |                                                  |         |                                               |         |                                        |        |                                                  |                                              |         | l        | i '          |          | 1 1                                              | 1              |
|             |      |              |       |       |            |      |          | 1                                                |         |                                               |         | <del>   -</del>                        |        | <del></del>                                      |                                              |         |          |              |          | -                                                | H              |
| 1           |      |              | - [   |       |            | - [  |          | 1                                                |         | !                                             |         |                                        |        | 1                                                |                                              |         | 1        | 1            | 1        | 1 1                                              | l              |
| <u> </u>    |      |              |       |       |            |      |          | <del> </del>                                     |         | <u> </u>                                      |         |                                        |        | <del>                                     </del> |                                              |         |          |              |          | <del>}</del>                                     | ┢              |
| 1           | i    | 1            |       |       | 1          | i    |          | 1 1                                              |         | ł                                             |         | } }                                    |        | }                                                |                                              |         | 1        |              |          | 1 1                                              | 1              |
| <u></u>     | ·    |              |       |       |            |      |          |                                                  |         | ⊢                                             |         |                                        |        | <del></del>                                      |                                              |         | ļ        | <del> </del> |          | +-+                                              | <del> </del> - |
| 1           | ! !  |              | 1     | ł     |            | İ    |          | 1                                                |         | ł .                                           |         | ] ]                                    |        | 1 .                                              |                                              | ١.,     | ļ        |              |          | 1                                                |                |
| <u> </u>    |      | ↓ .          |       |       |            |      |          | <del> </del>                                     |         | <del>                                  </del> |         |                                        |        | <del> </del> -                                   |                                              |         |          | <del> </del> |          | ┼──┤                                             | ╁              |
| 1           |      | į.           | - 1   | ļ     |            |      |          |                                                  |         |                                               |         | ]                                      |        |                                                  |                                              |         |          |              | i        |                                                  | 1              |
|             | · ;  |              |       | -     |            |      |          | <b>├-</b>                                        |         |                                               |         |                                        |        | <del></del> -                                    | <u> </u>                                     |         |          | <del> </del> |          | <del> </del>                                     | ł              |
| 1           | ,    | . ;          | - 1   |       |            | i    | i        |                                                  |         | İ                                             |         |                                        |        | 1                                                |                                              |         |          |              |          | 1                                                |                |
| · · · · ·   |      |              | 1     |       |            |      |          | <del>  </del>                                    |         | <del> </del>                                  |         |                                        |        | <del></del> -                                    |                                              |         |          |              |          | <del> </del> -i                                  | -              |
|             |      |              |       | 1     | }          |      |          | 1                                                |         | İ                                             |         | 1                                      |        | '                                                |                                              |         |          | 1            |          | 1                                                |                |
| 1           | ļ ļ  | 1            | 4     |       | +          |      |          |                                                  |         | <del> </del>                                  |         |                                        |        |                                                  | ļ <u>.                                  </u> |         |          |              |          | <del> </del>                                     | <u> </u>       |
| 1           |      |              | i     | i     |            |      | ĺ        |                                                  |         |                                               |         | i i                                    |        |                                                  |                                              |         |          |              |          | 1                                                | i              |
| L           |      | Ŧ2           |       |       | <u> </u>   |      |          | 1-2                                              |         | N . C:                                        |         | ــــــــــــــــــــــــــــــــــــــ |        | <del></del>                                      | 14                                           | 11      | <u> </u> | Towns        | <u> </u> | ــــــــــــــــــــــــــــــــــــــ           | L              |
| Element (X) |      | ZX'          | 1707  |       | 7301       | 3    | X        | 8.0                                              |         | No. Ob                                        | 99      |                                        |        |                                                  |                                              |         |          | h Tempera    |          | <del></del>                                      | _              |
| Rel. Hum.   |      | 700          | 1581  |       | 788        | 3    | <u> </u> | 15.7                                             | 1       |                                               | 00      | ± 0 F                                  |        | ± 32 F                                           | ≥ 67                                         | F   2   | 73 F     | ≥ 80 F       | ₹ 93     |                                                  | T              |
| Dry Bulb    |      |              | 3498  | ·     |            |      | 0.0      | 120/                                             |         |                                               | 99      | 27.                                    | 3      | 87,5                                             |                                              |         |          | <del> </del> |          |                                                  | _              |
| Wer Bulb    |      |              | 5162  |       | 751<br>379 | 9    | 0.4      | 15.3                                             | . 9     |                                               | 99      | 27.<br>35.                             |        | 89.4                                             |                                              |         |          |              |          | $\longrightarrow$                                | _              |

57=66

#### PSYCHROMETRIC SUMMARY

NOV MONTH FIRT SMITH NET DOT APT 2610S 57-66 2100-2300 PAGE 1

| Temp.       |     |       |       |       |          | WET      | BULB     | TEMPER                                       | ATURE    | DEPRE    | SSION (  | F)       |             | -          |              |               |                                               | TOTAL        |          | TOTAL        |             | _   |
|-------------|-----|-------|-------|-------|----------|----------|----------|----------------------------------------------|----------|----------|----------|----------|-------------|------------|--------------|---------------|-----------------------------------------------|--------------|----------|--------------|-------------|-----|
| (F)         | 0 1 | - 2   | 3 - 4 | 5 - 6 | 7 - 8    | 9 - 10   | 11 - 12  | 13 - 14                                      | 15 - 16  | 17 - 18  | 19 - 20  | 21 - 23  | 2 23 - 24   | 25 - 26    | 27 - 28      | 29 - 3        | 0 - 31                                        | D.B. W.B.    | Dry Bulb | Wet Bul      | b Dew       | Po  |
| 44/ 43      |     |       |       | . 1   |          |          |          |                                              |          |          |          |          |             | 1          |              |               | 1                                             | 1            | 1        | ·            | 1           |     |
| 42/ 41      |     | 1     | . 1   |       |          |          |          |                                              |          |          |          |          | <u> </u>    |            | <u> </u>     |               |                                               | 1            |          | <del>-</del> | <b>↓.</b> - |     |
| 407 39      |     |       | . 2   |       |          |          |          |                                              |          |          |          |          | 1           | 1          |              |               |                                               | 2            | 2        |              |             |     |
| 38/ 37      |     | • 1   | . 2   | ļ     | į        |          |          |                                              |          | <u> </u> | L        |          |             |            | 1            |               | <del></del>                                   | 3            | 3        |              | 2           |     |
| 36/ 35      |     | . 2   | • 1   |       |          |          |          | Ţ                                            | ,        |          |          |          | 1           |            | i            |               | 1                                             | 3            | 3        | 1            | او.<br>د    |     |
| 34/ 33      | 1 1 | 1 . 2 | . 3   |       |          |          | l        | 1                                            | i        |          |          | <u> </u> |             |            | L            |               | <u> </u>                                      | 14           | 14       |              | 6           | T   |
| 32/ 31      | .3  |       | • 1   |       |          | _        |          | T                                            |          | İ        |          |          | 1           | 1          |              |               |                                               | 19           | 14       |              |             | 1   |
| 30/ 29      | .9  | 1.7   | - 1   |       |          |          |          | 1                                            |          |          |          |          |             | <b>_</b>   | <b></b>      | <u> </u>      |                                               | 23           | 23       | -            |             | Ž   |
| 28/ 27      | 1.9 | 2.0   |       |       |          |          |          |                                              |          |          | [        |          | ļ           | 1          |              |               | 1                                             |              |          | 1            | - 1         | 3   |
| 26/ 25      | 1.9 | 3.8   | 1     |       |          |          | i        | L                                            |          |          |          |          | 4           |            | ↓            |               |                                               | 51           | 51       | ·            |             |     |
| 24/ 23      | 2.0 | 3.9   |       |       |          |          | [        |                                              |          |          | ĺ        | į        | Į.          | -          |              | 1             | -                                             | 53           | 51       | 1            |             | 4   |
| 22/ 21      |     | 2.9   | - 1   |       |          | <u> </u> | İ        |                                              |          | <u></u>  |          |          |             | <b>↓</b>   | ļ            |               |                                               | 38           | 36       |              |             | -3  |
| 20/ 19      | 1.6 | 2.6   |       |       |          |          |          |                                              |          |          |          |          |             |            |              |               |                                               | 38           |          |              |             | 4   |
| 18/ 17      | 2.0 | 2 • 2 |       |       |          |          | Ĺ        | <u></u>                                      |          | Ĺ        |          |          | <del></del> |            | <u> </u>     |               |                                               |              | 36       |              | - 1         | 4   |
| 16/ 15      | 2.8 | 1.9   |       |       |          |          |          | ĺ                                            | ĺ        |          |          |          |             |            |              |               |                                               | 42           | 42       | -,           |             | 3   |
| 14/ 13      | 2.6 | 2 . 2 | į     |       | <b>!</b> |          |          |                                              | l        |          |          | L.,      | $\bot$      | . <b>.</b> | <u> </u>     |               |                                               | 1 1          | 43       | - 1          |             | 3   |
| 127 11      | 2.6 | 2.0   | 1     |       |          |          | Ţ        | Į.                                           | ļ        | ļ        | ļ        |          | 1           | 1          | 1            | 1             | }                                             | 41<br>37     |          | • 1          |             | 4   |
| 10/ 9       | 2.7 | 1.4   |       |       |          |          |          | 1                                            | L        | <u> </u> |          | L        |             |            |              | <u> </u>      |                                               |              | 31       |              |             | -   |
| 87 7        | 4.1 | . 6   |       |       |          |          |          |                                              |          | 1        |          |          |             |            |              |               |                                               | 42           | 4:       |              | 7           | •   |
| 6/ 5        |     | 1 • 1 |       |       |          | J        |          | 1                                            | 1        |          |          | \        | _}          |            | 1            | 1             |                                               | 31           | 3:       |              |             | - 3 |
| 47 3        | 3.8 | 1.2   |       |       |          | į        |          |                                              | 1        |          | İ        |          |             |            | ĺ            | -             | 1                                             |              |          | 5 L          | 2           | 3   |
| 2/ 1        | 2.7 | . 6   |       |       | l        |          |          |                                              |          | <u> </u> |          |          |             |            | <u> </u>     | <u> </u>      |                                               | 32           | 29       |              | 4           | -   |
| 07 -1       | 3.3 | . 2   |       |       |          | l        |          |                                              |          |          |          | 1        |             |            |              | ł             |                                               | 23           | 23       |              |             | 3   |
| -2/ -3      | 2.2 | . 3   |       |       | l        | <u></u>  | <u> </u> | <u>.                                    </u> |          |          |          | <b></b>  |             |            | <u> </u>     | <u> </u>      |                                               | 34           | 30       |              | 4           | -   |
| -47 -5      | 3.3 | • 4   |       |       | [        |          |          | 1                                            | 1        | 1        | 1        | \        | 1           | 1          | 1            | 1             | 1                                             |              |          | * 1          | 3           | -   |
| -6/ -7      | 1.2 | . 6   |       |       |          |          | ┸        | 1                                            | L_       |          | <u> </u> | ļ        |             |            | ↓            | <u> </u>      |                                               | 16           | 10       |              | 1           | -;  |
| -8/ -9      |     | • 2   |       |       |          |          | 1        |                                              |          |          | 1        |          | ł           | İ          |              | ĺ             |                                               | 17           |          |              |             | 2   |
| -10/-11     |     | • 1   |       | l     |          |          |          | 1                                            | ļ        | !        | 1        | <u> </u> | <b>-</b>    |            |              | ļ             |                                               | 22           | 2        |              | 4           | -1  |
| -12/-13     |     | . 6   |       | Ĭ     | Ī        |          |          |                                              |          | ł        |          |          |             | i          | i            | i             | 1                                             | 17           | 1        |              | 2           | 1   |
| -14/-15     |     | . 3   |       | Į     | l        |          | 1        | <u>ا ا</u>                                   | <u> </u> |          | <u> </u> |          |             |            | <b></b>      | <b>↓</b>      |                                               | 22           | 2        | -            | 5           | -1  |
| -167-17     | 2.3 | • Z   |       |       | Ţ        | 1        | 1        |                                              | 1        | 1        | 1        | 1        | -           | -          | 1            | }             | - }                                           | -            | 2        |              |             |     |
| -18/-19     |     | • 2   |       | l     | l        | 1        |          | 1                                            | 1        | 1        |          | <b> </b> |             |            | <del> </del> | <b></b> -     |                                               | 16           |          |              | 6           | -   |
| -20/-21     |     | . 2   |       |       |          |          |          | 1                                            |          |          |          |          | 1           |            |              |               |                                               | 9            |          |              | 0           | 2   |
| -22/-23     | 1.1 |       |       |       |          |          |          | <del></del>                                  | <u></u>  |          | <u></u>  |          |             |            |              | <del></del>   | <b>ب</b> ــــــــــــــــــــــــــــــــــــ | 10           |          | <u> </u>     | U           | _   |
| Element (X) | Σ   | X²    |       |       | Σχ       | $\Box$   | X        | •                                            |          | No. O    | bs.      |          |             |            |              |               |                                               | th Tempera   |          | -            | -           | _   |
| Rel. Hum.   |     |       |       |       |          |          |          |                                              | \_       |          |          |          | 0 F         | ≤ 32 F     | ≥ 6          | 7 F           | ≥ 73 F                                        | ≥ 80 F       | × 93     | -            | Tota        |     |
| Dry Bulb    |     |       |       |       |          |          |          |                                              |          |          |          | L        |             |            | <del></del>  |               |                                               | <del> </del> |          |              |             |     |
| Wet Bulb    |     |       |       |       |          |          |          |                                              |          |          |          |          |             |            | +            | $\rightarrow$ |                                               | <del> </del> | +-       |              |             | _   |
| Dew Point   | T   |       |       |       |          | l i      |          | l                                            |          |          |          | l        |             |            | 1            | l             |                                               |              |          |              |             |     |

DATA PROCESSING DIVISION SAF ETAL ATR HEATTER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

NOV

FIJET SMITH NET DOT APT MONTH PAGE 2 2100-2300 HOURS ... S. T. TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 -24/-25 13 -26/-27 -28/-29 -30/-31 -32/-33 22 . 4 • 4 2 . 2 2 2 6 3 -34/-35 5 -36/-37 4 -38/-39 -40/-41 -44/-45 TUTAL \*Z-036-8 1.1 897 897 73134 7348 Element (X) X 81.5 8.053 8.216.055 No. Obs. Mean No. of Hours with Temperature 6020850 897 10F 132F 27.2 87.6 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 90 900 291730 Dry Bulb 88.9 272519 7055 897 90 7.915.563 27.3 Wet Bulb 897 89.8 270802 3432 3.816.958 34.9 90 Dew Point

57-66

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE ã 0.26.5 (OL FOEM USAFETAC

DATA PRUCESSING DIVISION USAF ETAC AIR \*EATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

26102 FERT SMITH NWT UET APT 57-66 OFC

STATION NAME YEARS PAGE 1 0000-0200
HOURS C. S. T.C.

| Temp.            |     |      |       |    |     |         |       | _        |       |               |          |        |            |      |              |      |        |      |        |          |     | SION  |          |       |      |      |          |        |     |       |           |       |               |        |              | TAL   |          |              |          | TAL  |           |      |
|------------------|-----|------|-------|----|-----|---------|-------|----------|-------|---------------|----------|--------|------------|------|--------------|------|--------|------|--------|----------|-----|-------|----------|-------|------|------|----------|--------|-----|-------|-----------|-------|---------------|--------|--------------|-------|----------|--------------|----------|------|-----------|------|
| (F)              | ,   | 0    | 1 - 2 | 3  | - 4 | -       | 5 - 6 | 5        | 7 - 8 | 3             | 9 - 1    | 10     | 11.        | - 12 | 13           | - 14 | 15     | - 16 | 5 17   | 7 - 1    | B 1 | 9 - 2 | 0 2      | 1 . 2 | 2 23 | - 24 | 25       | 5 - 26 | 6 2 | 7 - 2 | 28        | 29 -  | 30            | ≥ 31   | D.B          | . W.B | Dry      | , Bull       | Wet      | Bulb | Dew       | Poir |
| 30/ 29           |     |      |       | 1  | •   | 2       |       | - 1      |       |               |          |        |            |      |              |      |        |      |        |          | ĺ   |       | T        |       | T    |      | {        |        | 1   |       | 1         |       |               |        |              | 7     | 2        |              | 2        |      |           |      |
| 28/ 2            |     |      | •     |    |     |         |       |          |       |               |          | į      |            |      | L            |      |        |      | ┸      |          |     |       |          |       |      |      |          |        | L   |       |           |       | أـــ          |        | _L           |       | <b>l</b> |              | 1        |      | 1 -       |      |
| 26/ 2            |     | • 1, | •     |    |     |         |       | T        |       |               |          |        |            |      | Γ            |      |        |      | T      |          | Т   |       | 1        |       | 1    |      | Γ        |        | T   |       | Ţ         |       |               |        | 7            | -     | •        | -            | 4        |      |           |      |
| 24/ 23           |     | • 1  |       |    |     | 1       |       | -        |       | - {           |          | į      |            |      |              |      |        |      | 1      |          |     |       | -        |       | 1    |      |          |        |     |       | ļ         |       | ĺ             |        | -            |       | 7        |              | 3        | 4    | 1         | 1    |
| 22/ 2            |     | • 1  |       | 7  |     |         |       | T        |       |               |          |        |            |      |              |      | T      |      | Ī      |          | T   |       | T        |       | 1    |      | Т        |        | Ī   |       | 1         |       | T             |        |              |       | 7        |              | 9        | 13   |           | 5    |
| 20/ 19           | 9   | . 2  | . (   | 3  |     | Į       |       | - 1      |       | ļ             |          | ļ      |            |      |              |      |        |      |        |          |     |       | 1        |       |      |      |          |        |     |       | i         |       | - 1           |        | 1            |       | •        |              | )∤       | 6    |           | 5    |
| 19/ 17           |     | 1.7  | 1.    | [  |     | 1       |       |          |       | T             |          | ヿ      |            |      | Ī            |      | T      |      |        |          | 1   |       | 1        |       | T    |      | T        |        | 1   | _     | 1         |       | 1             |        | 7            | 2     | 5        | 2            | 3        | 23   | •         | 12   |
| 16/ 15           | 5   | 1.7  | 1.    | 2  |     |         |       |          |       | - i           |          | - 1    |            |      |              |      |        |      | 1      |          |     |       |          |       | ĺ    |      |          |        |     |       | ł         |       | 1             |        | 1            | 26    |          | 2 (          |          | 25   |           | 20   |
| 14/ 13           | 3   | 2.1  | 1.    | •  |     | T       |       | T        |       | T             |          | $\neg$ |            |      |              |      |        |      | 1      | _        | 1   |       | $\top$   |       |      |      | 1        |        | 1   |       | 7         |       | 7             |        |              | 3     | 1        | 3            |          | 36   | i -       | 19   |
| 12/ 11           | 1   | 2.7  | • (   | 8  |     |         |       | - 1      |       | ĺ             |          |        |            |      |              |      |        |      | İ      |          |     |       |          |       | 1    |      |          |        |     |       | -         |       |               |        | -            | 3     |          | 3            | 1        | 27   |           | 31   |
| 101              | 9   | 6.6  | 1.7   | Z  |     | 7       | _     | 1        |       | 7             |          | 7      |            |      | T            |      | 1      |      | 1      | _        | 1   |       | T        |       | 1    | _    | 1        |        | 1   |       | T         | _     | 7             |        | <del>-</del> | 70    | 5        | 70           | )        | 70   | i         | 27   |
| 8/ 1             | 7   | 3.4  | . (   | 5  |     |         |       |          |       | -             |          | Ì      |            |      |              |      |        |      | 1      |          | -   |       |          |       | 1    |      |          |        | ļ   |       | -         |       |               |        |              | 3 9   | 5        | 3 !          | 5        | 41   |           | 36   |
| 67               | 5   | 5.1  | •     | /  |     | +       |       | 7        |       | $\dashv$      |          | _      |            |      | 1            | _    | 1-     |      | $\top$ |          | 7   |       | 7        | _     | 1    |      | 1        |        | 1   |       | $\forall$ |       | 1             |        | +            | 5     | 1        | 3            | t -      | 47   | ,         | 63   |
| 4/ 3             | 3   | 3.9  | • :   | L  |     | 1       |       | - 1      |       | -             |          |        |            |      |              |      |        |      | 1      |          |     |       |          |       | 1    |      | -        |        |     |       |           |       |               |        |              | 36    | 5        | 36           | ь        | 40   | į.        | 36   |
| ~ <b>2</b> 7 ~ 1 | ī   | 2.3  | . 1   |    |     |         |       | T        |       | 十             |          |        |            |      | ✝            |      | +      |      | +      |          | +   |       | +        |       | 1-   |      | +-       |        | +   |       | +         |       | -1            |        | +-           | 2     | 7)       | 2            | 7        | 23   |           | 45   |
| 0/ -1            | 1   | 2.8  | 1.    | L  |     | 1       |       | 1        |       | - 1           |          |        |            |      | l            |      | ŀ      |      |        |          | 1   |       |          |       |      |      | 1        |        | 1   |       |           |       |               |        | 1            | 39    | 5        | 3            | 5        | 31   | Ĺ         | 29   |
| -27 -            | 3   | 2.9  | 1.2   | Z  |     |         | _     | $\dashv$ |       | +             |          | $\neg$ |            |      | 1            |      | $\top$ |      | +      |          | +   |       | +-       |       | +-   |      | 1-       |        | +   |       | +         |       | -             |        | +            | 3     | 7        | 3            | <b>/</b> | 38   |           | 28   |
| -4/ -5           | 5   | 3.6  |       | 8  |     | i       |       | - 1      |       | -1            |          |        |            |      |              |      |        |      | ļ      |          | 1   |       |          |       |      |      |          |        | 1   |       |           |       | - 1           |        | 1            | 36    | 5        | 36           | 5i       | 39   | Ý.        | 27   |
| -67 -            | 7   | 4.5  |       | _  | _   | 1-      |       | -+       |       | +             |          |        |            |      | +            |      | +-     |      | +      |          | +   |       | +        |       | +-   |      | +        | _      | +   | _     | +         | _     | +             |        | +-           | 41    | 5        | 4            | 5        | 47   | +         | 29   |
| -8/ -9           |     | 2.5  |       |    |     | 1       |       | 1        |       |               |          | ļ      |            |      |              |      | 1      |      | ļ      |          | 1   |       |          |       | ļ    |      | 1        |        |     |       | 1         |       | - 1           |        | 1            | 24    | 4        | 2            |          | 25   |           | 38   |
| 10/-1            |     | 3.3  |       |    |     |         |       | +        |       | +             |          |        |            |      | ╁            |      | +-     | _    | +      |          | +   | _     | +        | _     | +-   |      | +        | _      | +   | _     | +         |       | 1             |        | +-           | 3     |          | <u>. 3</u> . | 7        | 32   | +-        | 38   |
| -12/-13          |     | 3.9  | . !   |    |     | 1       |       |          |       | - {           |          | - }    |            |      |              |      | 1      |      | 1      |          |     |       | 1        |       | 1    |      | 1        |        | 1   |       | 1         |       | - 1           |        |              | 3!    | 5        | 3            | 5        | 36   | ,         | 28   |
| -14/-1           |     | 3.7  |       | 5- |     |         |       |          |       | -             |          | -+     |            | _    | 1-           |      | +      | _    | +-     |          | +   |       | +        | _     | +-   |      | +        |        | +   |       | +         |       |               |        | +-           | 31    | 8        | 37           |          | 41   | +         | 26   |
| -16/-17          |     | 2.8  | _     | 1  |     |         |       | -        |       | 1             |          | Ì      |            |      |              |      | İ      |      | 1      |          |     |       |          |       | 1    |      | 1        |        | i   |       | 1         |       | - 1           |        | 1            | 2     | 5        | 2            | 5        | 26   | ,         | 28   |
| 187-14           |     | 3.4  | •     | 1  | -   | +       |       |          |       | $\rightarrow$ |          | 7      |            |      | ╁            |      | ╁      |      | +      |          | +   |       | +        |       | +-   |      | +        |        | +   |       | -+        |       | -             |        | +-           | 3     |          | 3            |          | 31   |           | 73   |
| -20/-21          |     | 4.5  |       |    |     | 1       |       |          |       |               |          | - 1    |            |      | i .          |      |        |      | 1      |          |     |       |          |       | 1    |      | 1        |        | 1   |       | 1         |       |               |        | 1            | 4     | -1       | 4            | ~1       | 41   | i         | 32   |
| 22/-2            |     | 2.7  |       | 7  |     |         |       | -+       |       | -+            |          |        |            |      | ┝            |      | +-     |      | +      |          | +   |       | +        |       | +    |      | +-       |        | +   |       | +         |       | -             |        | +-           | 2     |          | 24           |          | 24   | 1         | 34   |
| -24/-2           |     | 3.d  |       | 1  |     | 1       |       | - 1      |       |               |          |        |            |      |              |      |        |      | 1      |          | ļ   |       |          |       |      |      |          |        |     |       | -         |       | j             |        | İ            | 21    |          | 21           |          | 27   |           | 51   |
| -26/-2           |     | 3.6  |       |    |     |         |       | $\dashv$ |       | +             |          | -1     |            |      | +            | -    | +-     | _    | ┿      |          | -}- |       | +        |       | +    |      | +        |        | +   |       | -+        |       | $\dashv$      |        | +-           | 3:    | - 1      | 3            |          | 34   |           | 33   |
| -28/-29          |     | 2.5  |       | 1  |     |         |       | - 1      |       |               |          | ļ      |            |      |              |      | -      |      |        |          |     |       |          |       | -    |      |          |        |     |       | 1         |       |               |        | 1            | 22    |          | Ž            |          | 22   |           | 26   |
| 30/-3            |     | 1.5  |       | +  |     |         |       |          |       | -+            |          | -      |            |      | +-           |      | +      |      | ╌├     |          | +   |       | +        |       | +-   |      | +-       |        | +   |       | +         |       | $\rightarrow$ |        | +            | -13   |          | 1            |          | 13   |           | 76   |
| -32/-3           |     | 1.2  |       | 1  |     | 1       |       |          |       |               |          | ļ      |            |      |              |      | -      |      |        |          | 1   |       | Ì        |       |      |      |          |        |     |       | 1         |       |               |        | 1            | 11    |          | 1            |          | ii   |           | 34   |
| 34/-3            |     | 7    |       | +- |     | +       |       |          |       | +             |          | -+     | <b>-</b> - |      | +-           |      | +-     | —-   | +      |          | +   |       | +-       |       | +-   |      | +        |        | +   |       | +         |       | $\dashv$      |        | +            |       | 5        | 10           |          | - 6  | +-        | 26   |
| -36/-31          |     | - '  |       |    |     |         |       |          |       | ļ             |          |        |            |      |              |      |        |      | -      |          | 1   |       | Ī        |       |      |      |          |        | ļ   |       |           |       |               |        |              | •     |          | i            |          | .,   |           | 15   |
| Element (X       |     |      | Σχ2   | -  |     | +       | _     | Z        | ×     | _1            | 7        |        | X          |      | +            | 0    |        | T    | +      | 10. (    | 265 | -     | 7        |       |      | _    | <u> </u> | _      | ٠,  | Meor  | No        | o. of | Но            | urs wi | th Te        | mper  | ature    |              | 1        |      | <u> —</u> |      |
| Rel. Hum.        | +-  |      |       |    |     | +       | _     | _        |       | _             | -+       | _      |            | _    | $\dagger$    |      |        | +    | _      |          |     |       | $\vdash$ | = 0   | F    | T    | : 3:     | 2 F    | T   |       | 67 1      | _     | _             | 73 F   | -            | 80 F  |          | ≥ 93         | F        | Γ    | Tota      | . —  |
| Dry Bulb         | +-  |      |       |    |     | +       |       |          |       | _             | $^{+}$   | _      |            |      | $^{\dagger}$ |      |        | +    |        |          | _   |       |          |       |      | +    |          |        | +   |       |           | +     |               |        | 1-           |       | _        |              |          |      |           |      |
| Wet Bulb         | -+- |      |       | -  |     | +       |       |          |       |               | $\dashv$ |        |            |      | +            |      |        | +-   | _      |          |     |       | +-       | _     |      | +-   |          |        | +   |       | _         | +     |               |        | 1-           |       | +        |              |          | -    |           |      |
| Dew Point        |     | ·    |       |    |     | · -   - |       |          |       |               | -+       |        |            |      | +-           |      | _      |      | _      | <b>.</b> |     |       | _        |       |      |      |          |        |     |       |           |       | _             |        | ┵.           |       |          |              |          |      |           |      |

USAFETAC FORM 0.26-5 (OLA) REVISED MEVIOUS EDITIONS

#### **PSYCHROMETRIC SUMMARY**

STATION FORT SMITH NET DUT APT 57-66 26102 DEC MONTH PAGE 2 #ET BULB TEMPERATURE DEPRESSION (F)

WET BULB TEMPERATURE DEPRESSION (F)

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 → 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point #40/-41

#40/-43 0000-0200 -44/-45 -50/-51 TOTAL 32.817.0 .2 930 887 888 888 5 x 68780 77.5 8.396 No. Obs. Mean No. of Hours with Temperature 3393814 ± 32 F 93 • 0 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F -5.916.068 -4.614.570 56.4 93.0 54.9 93.0 272661 930 -5525 Dry Bulb 205872 -4052 666 Wer Bulb 301972 -8536 -9.615.752 887 61.5 93.0 Dew Point

THIS FORM ARE DISOUETE REVISED MEVIOUS EDITIONS OF 0.26-5 (OL A)

#### **PSYCHROMETRIC SUMMARY**

PAGE 1

FIRT SMITH NAT UNT APT
STATION NAME

57-66

CEC.

-14.5

0300-0500

| Temp.       |             |        |       |       |              | WET             | BULB 1       | EMPER        | ATURE                                            | DEPR         | ESSION       | (F)         |              |            |                |                                                  |                                                  | TOTAL        |          | TOTAL    |        |
|-------------|-------------|--------|-------|-------|--------------|-----------------|--------------|--------------|--------------------------------------------------|--------------|--------------|-------------|--------------|------------|----------------|--------------------------------------------------|--------------------------------------------------|--------------|----------|----------|--------|
| (F)         | 0           | 1 - 2  | 3 - 4 | 5 - 6 | 7 - 8        | 9 - 10          | 11 - 12      | 13 - 14      | 15 - 16                                          | 17 - 1       | 8 19 - 2     | 0 21 - 2    | 2 23 - 2     | 24 25 - 20 | 27 - 28        | 29 - 30                                          | ≥ 31                                             | D.B. W.B.    | Dry Bulb | Wet Bulb | Dew Po |
| 28/ 27      |             | • 1    | • 1   |       |              |                 |              |              |                                                  |              |              | $\top$      |              |            |                |                                                  |                                                  | 7            | 2        |          | ,      |
| 26/ 25      | • 1         | . 5    | /     |       |              |                 | Ì            |              | 1                                                | l            |              |             |              | 1          | 1              | l                                                |                                                  | 15           | 5        | 3        | į      |
| 24/ 23      |             | 1.0    | - :   |       | <b></b> -    |                 |              |              |                                                  |              | +            | +           | +            |            | <del> </del> - | <del> </del>                                     |                                                  | 14           | 14       | 11       |        |
| 22/ 21      | • -         | 1      | 1     |       |              |                 |              |              | ĺ                                                | ĺ            | 1            | 1           | 1            | 1          | 1              |                                                  | i                                                | - 1          | 1        | 8        | 1      |
| 20/ 19      | . 8         | 8      |       |       |              |                 |              |              |                                                  | -            | <del> </del> | +           | <del> </del> |            | <del> </del>   | +-                                               |                                                  | 14           | 14       |          |        |
| 18/ 17      | 2.0         | 1.8    | !     | i     |              |                 |              |              | ŀ                                                |              |              |             |              |            | 1              | ì                                                | ļ                                                | 34           | 34       | 33       |        |
| 16/ 15      | 1.5         | .5     |       |       |              |                 |              | L            |                                                  | ļ            |              |             | +            | +-         | <del> </del>   | <del></del> -                                    | <del> </del>                                     | 17           | 17       | 22       |        |
| 14/ 13      | 2.4         | . 6    | ļ     |       |              |                 | . !          |              | !                                                |              |              |             | İ            |            |                |                                                  |                                                  | 26           | 26       | 24       |        |
| 12/ 11      | 1.8         | 9      |       |       |              |                 |              |              | <del> </del> -                                   | <del> </del> | -{           | +-          | -            |            | ╁              | ├                                                |                                                  | 24           | 74       | 24       |        |
| 10/ 9       |             | 1.7    | ì     |       | i            |                 | )            | İ            |                                                  |              | -            | ]           | j            |            | }              |                                                  | ĺ                                                | 68           | 68       | 65       | 1 -    |
| 8/ 7        | 4.4         | . 8    |       |       |              |                 |              |              |                                                  | <b>├</b>     |              | +           | <del> </del> |            |                | <del> </del>                                     | <del> </del>                                     | 48           | 46       | 30       |        |
| 6/ 5        | 2.9         |        |       |       | ľ            | }               | ] i          |              | Ì                                                | 1            | ł            |             | 1            | 1          | }              | }                                                | 1                                                | 1            | 31       | 31       |        |
|             |             | • 6    |       |       |              |                 | L            |              |                                                  |              |              |             | —            |            |                | <del> </del>                                     | Ļ                                                | 31           | 29       | 30       |        |
| 4/ 3        | 2.7         | - 6    |       |       | ĺ            |                 | ( !          |              | (                                                | 1            | 1            |             |              | - (        | 1              | i                                                | l                                                | 29<br>39     |          | 37       | 1      |
| 2/ 1        | 3.6         | . 8    | ļ     |       | ļ            | ļ               | ļ            |              |                                                  | <b>-</b>     |              | J           | <del> </del> |            | <del> </del>   | <del></del>                                      | ļ                                                | 46           | 39       | -        |        |
| •           | 4.5         | .7     | į     |       |              |                 |              |              |                                                  |              |              |             |              | ĺ          |                |                                                  |                                                  |              | 46       | 48<br>29 |        |
| -2/ -3      | 2.7         | . 7    |       |       | ļ            |                 |              |              | L                                                | L            | <del></del>  |             | ↓            |            | <u> </u>       | <u> </u>                                         |                                                  | 30           | 30       |          |        |
| *4/ -3      | 4.3         | • 7    | I     |       | ļ            |                 | i            |              | !                                                |              |              |             |              |            |                | 1                                                | !                                                | 44           | 44       | 44       | -      |
| -6/ -7      | 3.4         | • 6    |       |       | İ            |                 |              |              |                                                  | L            |              | <u> </u>    |              |            | <u> </u>       | <b> </b>                                         | L                                                | 35           | 35       | 37       |        |
| 8/ -9       | 2.7         | . 8    |       |       | 1            | 1               | !            |              | ,                                                | j            | 1            |             |              |            |                |                                                  |                                                  | 31           | 31       | 28       |        |
| 10/-11      | 4.4         | . 9    |       |       |              |                 |              |              |                                                  |              |              |             |              | _L         |                | Ĺ <u>.                                    </u>   |                                                  | 47           | 47       | 44       |        |
| 12/-13      | 2.5         | .6     | ì     |       | 1            | i               |              |              | ļ                                                | ł            | -            | }           | 1            | 1          | )              | 1                                                | ļ                                                | 27           | 27       | 31       | _      |
| 14/-15      | 3.7         | . 9    | i     |       | Ĺ            | L               |              |              |                                                  |              |              |             |              |            |                |                                                  | i                                                | 41           | 41       | 41       |        |
| 19/-17      | 3.2         | . 8    | ĺ     |       |              |                 |              |              |                                                  | 1            |              | 1           |              | 1          |                | 1                                                |                                                  | 35           | 35       | 34       |        |
| 18/-19      | 3.4         | . 5    | :     |       | į            | }               | ! .          |              | _                                                |              | İ            |             | 1 .          | <u></u>    |                | i_                                               |                                                  | 34           | 34       | 35       |        |
| 207-21      | 3.1         | .7     |       |       |              |                 |              |              | Ī                                                |              |              |             |              |            | T              |                                                  |                                                  | 33           | 33       | 32       |        |
| 22/-23      | 2.4         | . 3    |       |       | ļ            | !               |              |              | i                                                |              |              | 1           | -            |            | 1              | }                                                | ]                                                | 24           | 24       | 27       |        |
| 24/-25      | 2.7         | • 1    |       |       |              |                 | :            |              |                                                  |              | 1            |             |              |            | 1              |                                                  |                                                  | 25           | 25       | 25       | .9     |
| 26/-27      | 2.6         | - (    |       |       | ĺ            | i               | ĺ            |              |                                                  |              | 1            | 1           | 1            |            | 1              | 1                                                | 1                                                | 23           | 23       | 24       | 3      |
| 28/-29      | 2.7         | 1      | ·     |       | <del> </del> | †               | ļ ·-         |              | <del></del> -                                    | 1            | 1            |             |              |            |                |                                                  | 1                                                | 24           | 24       | 24       | 3      |
| 30/-31      | 1.4         | -      | i     |       | ĺ            | 1               | (            |              | i                                                | 1            | ſ            | ſ           | 1            | (          | 1              | 1                                                | (                                                | 12           | 12       | 12       | 2      |
| 32/-33      | . 9         | •      |       |       | <b></b>      |                 | <del> </del> |              |                                                  | 1            | +            | 1           | +            | +          | 1              | <del>                                     </del> | <del> </del>                                     | 8            | 8        | 8        | 2      |
| 34/-35      | 1.7         |        |       |       | 1            |                 | l            |              | -                                                |              | 1            |             | 1            |            |                | 1                                                |                                                  | 15           | 20       | 15       |        |
| 36/-37      | <u></u> .   | }<br>! |       |       |              |                 | <del> </del> |              | † · · · · ·                                      | †            | +            | +           | +            | +          | - <del> </del> | <del> </del>                                     | <del>                                     </del> | 1            | 11       |          | 1      |
| 38/-39      | i           |        | ,     |       | )            | }               |              |              |                                                  |              |              |             |              |            | 1              |                                                  |                                                  | 1            | - 9      |          | ١.     |
| Element (X) | <del></del> | z x '  |       |       | Žχ           | <del>, T-</del> | <u> </u>     | -,           | <del>'                                    </del> | No. C        | bs.          | <del></del> |              |            | Mean           | No. of H                                         | ours wit                                         | h Temperati  |          |          |        |
| Rel. Hum.   |             |        |       |       |              |                 |              | <del>-</del> |                                                  |              |              |             | F            | 1 32 F     | 2 67           |                                                  | 73 F                                             | ≥ 80 F       | 2 93 1   | = Ţ      | Total  |
| Dry Bulb    |             |        |       |       |              |                 |              |              |                                                  |              |              | <u>-</u>    |              |            | 1-0.           |                                                  |                                                  | +            | 1        |          |        |
| Wet Bulb    |             |        |       |       |              |                 |              |              |                                                  |              |              | 1           |              |            | +              |                                                  |                                                  | <del> </del> | † ·      |          |        |
| Dew Point   |             |        |       |       |              |                 |              | <del> </del> |                                                  |              |              | +           | -+           |            | +              |                                                  |                                                  | <del> </del> | t        |          |        |
|             | <u></u>     |        |       |       |              |                 |              |              |                                                  |              |              |             |              |            | <u> </u>       |                                                  |                                                  | <del></del>  |          |          |        |

USAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE

#### **PSYCHROMETRIC SUMMARY**

| 26102       | F    | 1PT 5        | SHITH              |       |               |                                                  |              |                |         | 57-          | 66      |                 |         |             |                                                   |              |              |             | ום                                               | EC     |
|-------------|------|--------------|--------------------|-------|---------------|--------------------------------------------------|--------------|----------------|---------|--------------|---------|-----------------|---------|-------------|---------------------------------------------------|--------------|--------------|-------------|--------------------------------------------------|--------|
| STATION     |      |              |                    | S     | TATION I      | NAME                                             |              |                |         |              |         |                 |         | YE          | ARS                                               |              | PAG          | F 2         | 0300 HOURS                                       | -050   |
| Tenp.       |      |              |                    |       |               | WET                                              | BULB         | TEMPER         | ATURE   | DEPRE        | SSION   | (F)             |         |             |                                                   | _            | TOTAL        | i ·         | TOTAL                                            |        |
| (F)         | 0    | 1 - 2        | 3 - 4              | 5 - 6 | 7 - 8         | 9 - 10                                           | 11 - 12      | 13 - 14        | 15 - 16 | 17 - 18      | 19 - 20 | 21 - 22         | 23 - 24 | 4 25 - 26   | 27 - 28 29                                        | - 30 ≥ 3     | D.B. W.B.    | Dry Bulb    | Wet Bulb                                         | Dew Pa |
| 40/-41      |      |              |                    |       |               | ,                                                |              |                |         |              |         |                 |         | T           |                                                   |              |              | 12          |                                                  | 1      |
| -42/-43     |      |              |                    |       |               | İ                                                | 1            |                |         |              |         |                 |         |             |                                                   |              |              | 6           |                                                  |        |
| -44/-45     |      | •            |                    |       |               |                                                  |              |                |         | 1            |         |                 | _       | T           |                                                   |              |              | 2           |                                                  |        |
| -46/-47     |      |              |                    |       |               |                                                  |              |                |         |              |         | 1               |         |             |                                                   |              |              | 1           |                                                  |        |
| TOTAL       | 11.1 | 18.6         | . 1                | I     |               |                                                  | †            | 1              |         |              |         |                 |         | -           |                                                   |              | +            | 930         |                                                  | 88     |
|             |      | i            |                    |       | 1             |                                                  |              | i              |         |              |         |                 |         |             |                                                   |              | 884          |             | 884                                              |        |
|             |      | +            | •                  | 1     | <del></del>   | i                                                | 1            |                |         | $\vdash$     |         |                 |         |             |                                                   |              |              |             |                                                  |        |
| į           |      |              | 1                  | 1     |               | 1                                                | ]            |                |         | 1            |         | ]               |         |             |                                                   |              |              |             | 1                                                |        |
|             |      | <del></del>  |                    |       | +             | +                                                | <del> </del> | +              |         |              |         | <del>  </del>   | -       | +           | <del>  </del>                                     |              | +            | <del></del> | <del>                                     </del> |        |
| !           |      | 1            | 1                  | ĺ     | 1             |                                                  |              |                |         | i I          |         |                 |         | 1           |                                                   |              |              |             | 1                                                |        |
| -·· ——      |      | <del>-</del> | -                  |       | <b> </b>      | <del> </del>                                     |              | +              |         |              |         | +               |         | +           | <del>  -                                   </del> |              | +            |             |                                                  |        |
|             |      | !            | 1                  |       |               |                                                  | ļ            |                |         |              |         |                 |         |             |                                                   |              |              |             | 1 '                                              |        |
|             |      | <del></del>  | 1                  |       | <del> </del>  | +                                                | -            |                |         | <del> </del> | -       | <del>  -+</del> |         | +           |                                                   |              |              |             | <del>i</del>                                     |        |
| 1           |      | 1            |                    |       | 1             |                                                  | 1            | 1 1            |         |              |         | ] ]             |         |             |                                                   |              |              |             |                                                  |        |
|             |      | <u></u> -    |                    | -     | <del> </del>  |                                                  | <del> </del> | <del></del>    |         |              |         | <del> </del>    |         |             |                                                   |              |              |             | <b></b> i                                        |        |
|             |      |              |                    |       |               | 1                                                |              | 1 1            |         | 1 1          |         | 1 1             |         |             |                                                   |              | 1            |             |                                                  |        |
|             |      | •            |                    |       | ļ             |                                                  |              | 1              |         | ļ            |         | 1               |         | <del></del> |                                                   |              |              |             | ļ                                                |        |
|             |      | 1            | 1                  | ļ     | 1             |                                                  |              | 1 1            |         |              |         |                 |         |             |                                                   |              |              |             | !                                                |        |
|             |      |              |                    | 1     | 1             | J                                                | ļ            | 1              |         |              |         |                 |         | 1           |                                                   |              |              |             | LI                                               |        |
|             |      |              | i                  |       | 1             |                                                  |              |                |         |              |         |                 |         |             |                                                   |              |              |             |                                                  |        |
|             |      |              |                    |       | !             | L                                                |              |                |         |              |         |                 |         |             |                                                   | 1            |              |             | 1                                                |        |
|             |      |              |                    |       | i             |                                                  |              |                |         |              |         |                 |         | Ţ           |                                                   |              |              |             |                                                  |        |
|             |      |              | 1                  | 1     | İ             |                                                  |              | i l            |         | l l          |         |                 |         | i i         |                                                   |              | 1            | ĺ           |                                                  |        |
|             |      |              |                    | i     | 1             |                                                  |              |                |         |              |         | 1 1             |         |             |                                                   |              |              |             |                                                  |        |
|             |      |              |                    |       | İ             |                                                  | ļ            |                |         | ]            |         | 1 1             |         | 1           |                                                   | i            |              |             | 1                                                |        |
|             |      | •            | • -                |       | 1             |                                                  |              |                |         |              |         |                 |         |             |                                                   |              |              |             |                                                  |        |
|             |      |              |                    | t .   |               |                                                  | i            |                |         |              |         |                 |         |             |                                                   |              |              |             | 1                                                |        |
| +           |      | +            | ·                  |       | +             | 1                                                |              |                |         |              |         | 11              |         | 1           | -+                                                |              |              | <del></del> |                                                  |        |
|             |      |              |                    | 1     | 1             | İ                                                | į            |                |         |              |         |                 |         |             |                                                   |              |              |             | ĺ                                                |        |
| ;           | -    | :            | ÷                  |       |               | <del>                                     </del> | +            | † <del>-</del> |         | <del> </del> |         | † – †           |         | +           |                                                   |              | +            |             | <del></del>                                      |        |
| :           |      |              |                    |       | 1             |                                                  | İ            | 1 1            |         |              |         |                 |         |             |                                                   |              |              |             | 1                                                |        |
|             |      | •- · · ·     | 4                  |       | † <del></del> | <del> </del>                                     | ļ.———        | +              |         |              |         | <del>   </del>  |         | +           | <del>                                     </del>  |              |              | <u> </u>    |                                                  |        |
| :           |      |              | 1                  | İ     | 1             |                                                  | i            |                |         |              |         |                 |         |             |                                                   |              |              |             |                                                  |        |
| ÷           |      |              |                    |       | <u> </u>      | <del></del>                                      | <u> </u>     | +              |         |              |         | ++              |         |             | <del>-  -</del>                                   | -+           | +            | <u> </u>    | <del>  </del>                                    |        |
| ļ           |      |              | i                  | 1     | İ             |                                                  |              | 1 1            |         |              |         |                 |         |             |                                                   |              |              |             | 1                                                |        |
| Element (X) |      | Σχ'          |                    |       | ZX            | <del></del>                                      | X X          |                |         | No. Obs      |         | <u></u>         |         | 1           | <u> </u>                                          | -4.44        | J. 7         | <u> </u>    |                                                  |        |
| Rel. Hum.   |      |              | 37186              |       |               | 286                                              | 77.          | 2 8.4          | A1      |              | 84      |                 | _       |             |                                                   |              | ith Temperat |             |                                                  |        |
|             | -    |              | 78 <del>78</del> 4 | }     |               | 160                                              | -6           | 316.1          | 7 A     |              | 30      | 5 0 F           |         | ± 32 F      | ≥ 67 F                                            | ≥ 73 F       | ≥ 80 F       | ≥ 93 1      | · _ T                                            | otal   |
| Dry Bulb    |      |              | 07190              |       | =42           |                                                  |              | B 14.5         |         |              | 84      | 36              |         | 93.0        |                                                   | <del> </del> |              | <del></del> |                                                  |        |
| Wet Bulb    |      |              | 07800              |       |               |                                                  |              | 118 -          | 72      |              | 84      |                 |         |             |                                                   | 1            |              |             |                                                  | 9      |
| Dew Point   |      | ٥(           | ハンきんか              | 1     | ₩0            | 779                                              | -7.1         | 13.7           | Z 9     | •            | 74      | 64              | •       | 93.0        | 1                                                 | 1            |              | l l         | i                                                | - 5    |

DATA PROCESSING DIVISION JSAF ETAC ATR MEAT ER NET VICE/MAC

#### PSYCHROMETRIC SUMMARY

DEC

20102 FIRT SMITH NET DUT APT MONTH STATION NAME 0600-0800 PAGE 1 TOTAL TOTAL

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Poin : F ) 32/ 31 . Z 28/ 27 26/ 25 1.1 10 - 9 - R 9 13 24/ 23 22/ 21 . 6 5 6 9 6 ---207 19 16 14 18/ 17 1.5 1.4 25 23 25. 13 18 1.0 1.0 18 21 11 14/ 13 1.2 1.0 20 20 20 23 17/11 2.8 31 71 4.1 1.4 10/ 48 48 40 17 37 47 77 47 56 46 6/ 4 . 1 41 45 47 3 4.5 1.1 50 50 54 41 2/ 2.5 30 26 39 30 1 3.2 1.0 0/ -1 37 38 42 37 27 31 -2/ -3 27 30 **二**有于 二5 3.9 1.0 43 43 39 26 33 -0/ -7 33 36 3.1 33 87 -9 2.8 28 39 31 38 26 31 -10/-11 3.2 1.1 30 38 .3 -12/-13 29 3.0 29 33 47 =14/=15 =16/=17 37 3.7 37 35 21 4.4 42 42 42 26 . 3 . 5 -18/-19 -20/-21 43 4.4 43 43 31 2.5 . 2 24 24 23 37 -20/-21 -22/-23 -24/-25 -26/-27 2.8 25 26 49 29 29 3.1 . Z 29 36 2.5 22 22 22 31 -28/-29 2.3 22 22 ZZ 33 -30/-31 -32/-33 1.7 16 16 16 24 1.6 31 14 -34/-35 9 19 Element (X) Mean No. of Hours with Temperature ≥ 67 F ≥ 73 F Rel. Hum. 5 0 F ≤ 32 F ≥ 80 F ≥ 93 F Dry Bulb

57-66

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

26102 FOFT SHITM NWT DOT APT 57-66

PAGE 2 0600-0800 HOURS (L.S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL TOTAL

(F) 0 1-2 3-4 5-6 7-8 9-10 [11-12][3-14][5-16][7-18][9-20][1-22][3-24][5-26][7-28][9-30] 23] D.B. W.B. Dry Bulb Wet Bulb Dew Point

| Temp.                    |       |                                         |         |              |              | WI           | ET BULB      | TEMPER                                           | ATURE | DEPR           | ESSION                                           | (F)                                              |        |              |      |        |                                              |              | TOTAL          | ;           | TOTAL        |                                                  |
|--------------------------|-------|-----------------------------------------|---------|--------------|--------------|--------------|--------------|--------------------------------------------------|-------|----------------|--------------------------------------------------|--------------------------------------------------|--------|--------------|------|--------|----------------------------------------------|--------------|----------------|-------------|--------------|--------------------------------------------------|
| (F)                      | 0     | 1 - 2                                   | 3 - 4   | 5 - 6        | 7 . 8        |              |              |                                                  |       |                |                                                  |                                                  | 23 . 2 | 4 25 -       | 26 2 | 7 . 29 | 29.3                                         | 0 231        | D.B. W.B.      |             |              | Dew Po                                           |
| 36/-37                   |       | ·- · · · ·                              | <u></u> | • J          |              |              | - 1          |                                                  |       | 1              | 1                                                |                                                  |        | 4            | +    | - : -  | <u> </u>                                     | T            | <del> </del>   | 17          |              | 1                                                |
| 36/-39                   |       |                                         |         |              |              |              | İ            | 1                                                |       |                | !                                                | 1                                                |        |              |      |        |                                              | 1            |                | 9           |              | i                                                |
| 40/-41                   |       |                                         | •       |              |              |              | <del></del>  |                                                  |       | +              | ļ                                                | <del></del> +                                    |        |              | -+-  |        |                                              |              | <u> </u>       | 10          | 1            | ↓ <b>^</b> -                                     |
| 42/-43                   |       |                                         |         |              |              | 1            |              |                                                  |       | 1              | İ                                                |                                                  |        |              | - 1  |        | l                                            |              | !              | 10          | .]           | <u> </u>                                         |
| 447-45                   |       |                                         |         |              | :            | :            |              | •                                                |       | i              | <del> </del>                                     |                                                  |        | <del> </del> |      |        | <u> </u>                                     |              | ↓              |             |              |                                                  |
| 46/-47                   |       |                                         |         |              |              |              |              |                                                  |       | 1              | 1                                                | ! !                                              |        | l            |      |        | i                                            | ļ            | 1              | , ,         | <u>'</u>     |                                                  |
|                          |       |                                         |         |              |              | •-           |              | 1                                                |       | ļ              | 1                                                | <u> </u>                                         |        |              |      |        |                                              | <b>_</b>     | ļ              | 2           | <del> </del> | <b></b>                                          |
| 507-51                   | 70    | . مدا                                   | i.      |              |              | 1            |              | i                                                |       | 1              |                                                  | i I                                              |        |              |      |        |                                              |              |                | 1           | -            | ١                                                |
| HAL                      | 7.4 . | 420.0                                   | 3       |              |              |              |              |                                                  |       | <u> </u>       |                                                  |                                                  |        | 1_           |      |        |                                              | ļ            |                | 930         |              | 88                                               |
|                          |       | i                                       | 1       |              | i            |              | :            |                                                  |       | 1              |                                                  |                                                  |        | j            | 1    |        |                                              | i            | 880            | 1           | 880          | ) i                                              |
|                          |       |                                         |         |              | İ            |              |              |                                                  |       | 1.             | 1                                                |                                                  |        | 1            | - Ł  |        | i                                            | i            | 1              | i           |              | 1                                                |
|                          |       | 1                                       |         |              | 1            |              |              |                                                  |       |                | 1                                                |                                                  |        | 7            |      |        |                                              |              | +              |             | i            |                                                  |
|                          |       |                                         | i       |              | i            | 1            | i            |                                                  |       | 1              |                                                  |                                                  |        |              | - 1  |        | 1                                            |              | i              |             |              |                                                  |
|                          |       |                                         |         |              |              | 1            | <u> </u>     | T                                                |       |                | 1                                                |                                                  |        | 1            | 7    |        | †                                            |              | +              | •           |              | •                                                |
|                          |       |                                         |         |              |              | 1            | i            |                                                  |       | i .            | 1                                                |                                                  |        | 1            | 1    |        | ı                                            |              | I              |             |              |                                                  |
|                          |       |                                         |         | •            | <u> </u>     |              |              | 1                                                |       | f              | <del> </del> -                                   | +                                                |        | +            |      |        | :                                            |              | <del> </del> - |             | •            |                                                  |
|                          |       | 1                                       |         |              | 1            | Į            |              |                                                  |       | i              | ì                                                |                                                  |        | -            |      |        |                                              | 1            |                |             |              |                                                  |
|                          |       |                                         | i       |              | ł            | +-           |              |                                                  |       | ł              | <del> </del>                                     | <del></del>                                      |        | +            |      |        | <del> </del> ——                              | +            | <del> </del> - |             |              | •—                                               |
|                          |       |                                         | 1       | i            |              |              |              |                                                  |       |                | İ                                                | 1 1                                              |        |              | - }  |        |                                              | !            |                | ı           |              |                                                  |
| -                        |       |                                         | • -     | <u>:</u>     | <u> </u>     |              |              | <del> </del>                                     |       | <del> </del> - | <del></del>                                      | <del></del> i                                    |        |              | +    |        | ļ                                            | +            |                | <b>_</b>    |              |                                                  |
|                          |       |                                         |         | t .          | 1            | -            | i            | 1                                                |       | ĺ              |                                                  | 1 1                                              |        |              |      |        |                                              | - [          |                |             |              |                                                  |
| 4.4                      |       |                                         |         |              | ·            | +            |              | ļl                                               |       |                | <u> </u>                                         | L                                                |        | <b>_</b>     | 4    |        |                                              |              | <del></del>    |             |              |                                                  |
|                          |       |                                         |         | 1            | :            | 1            | i            | į l                                              |       |                |                                                  |                                                  |        |              | İ    |        | !                                            | 1            |                | ļ           | -            |                                                  |
|                          |       |                                         |         |              | i            |              | _            | ļ                                                |       |                | <u> </u>                                         |                                                  |        | 1            |      |        | i                                            |              | <u> </u>       |             | +            |                                                  |
|                          |       |                                         |         |              | ,            |              | 1            | ; ]                                              |       | ŀ              |                                                  |                                                  |        |              | 1    |        |                                              |              |                |             |              |                                                  |
|                          |       |                                         |         |              | Ĺ            | ļ.,          | _            |                                                  |       | l              | i                                                | 1 1                                              |        |              |      |        |                                              | $\perp$      | Í              |             | <u> </u>     |                                                  |
|                          | ı     |                                         |         |              | į            | 1            | ]            | 1                                                |       | ĺ              |                                                  | i i                                              |        |              |      |        |                                              |              |                |             |              | •                                                |
|                          | i     |                                         |         | i            | ì            |              | j            |                                                  |       | 1              | 1                                                | 1 1                                              |        |              | į    |        |                                              |              | 1              | j           |              |                                                  |
|                          |       | T                                       | 1       | i            | 1            |              |              | 1                                                |       | 1              |                                                  |                                                  |        |              | 1    |        |                                              | 7            |                |             |              |                                                  |
|                          |       |                                         | 1       | 1            | 1            |              | į            | ; ]                                              |       | 1              | ]                                                | ] ]                                              |        | 1            |      |        | ļ                                            | 1            | 1              |             |              |                                                  |
|                          |       |                                         | +       | T            | † · ·        | <del> </del> |              |                                                  |       | <b>†</b>       |                                                  | <del>                                     </del> |        | +            |      |        |                                              | <del> </del> | <b>†</b>       |             |              | <del> </del>                                     |
|                          |       |                                         |         |              |              | 1            | 1            | i 1                                              |       |                |                                                  |                                                  |        |              |      |        |                                              |              | 1              |             | 1            | i                                                |
|                          |       | •                                       | ÷       | t·           | ļ            |              | -+           | ;                                                |       | <del> </del>   | <del>                                     </del> | <del> </del>                                     |        | +            |      |        | <del> </del>                                 | +            | <del> </del>   |             | <del> </del> | <del>                                     </del> |
|                          |       |                                         | 1       |              | i            |              | 1            |                                                  |       |                |                                                  | i l                                              |        |              |      |        |                                              | İ            |                |             |              |                                                  |
|                          | -     |                                         | 4       |              | <del>;</del> | +            | <del></del>  | +                                                |       | <del> </del>   | +                                                | <del>  </del>                                    |        | +            | -+-  |        |                                              | +            | 1              |             |              | <del>                                     </del> |
|                          |       |                                         | :       | ļ            |              | 1            |              |                                                  |       |                |                                                  |                                                  |        | 1            |      |        |                                              |              |                | i           |              |                                                  |
| et                       |       | Z X 2                                   |         | <del> </del> | ΣX           | 4            |              | <del>                                     </del> |       | No. O          | <del></del>                                      | 1 1                                              |        |              | Ц.   |        | <u>.                                    </u> |              | 1.7            | <u> </u>    |              | <u>.                                    </u>     |
| Element (X)<br>Rel. Hum. |       | *X*                                     | 15258   | l            | ~ X          | 920          | ₹<br>77,4    | B 3                                              | ۸ ۵   |                | 78                                               |                                                  |        |              |      |        |                                              |              | h Tempero      |             |              |                                                  |
|                          | ļ     | 22                                      | 3439    | <b>.</b>     |              | 087          | 1/9          | 14 5                                             | 97    |                |                                                  | ± 0 F                                            |        | ≤ 32 F       |      | ≥ 67   | F                                            | ≥ 73 F       | ≥ 80 F         | ≥ 93        | F            | Total                                            |
| Dry Bulb                 | L     |                                         |         |              |              |              | <b>#0.</b> 2 | 110.3                                            | 2 Z i |                | 30                                               | 57,                                              |        | 93.          |      |        | $\perp$                                      |              | ↓              | <del></del> |              | 9                                                |
| Wet Bulb                 |       |                                         | 1878    |              |              | 290          | -9,9         | 14.7                                             | 27    |                | 80                                               | 35,                                              |        | 93.          |      |        | $\perp$                                      |              | <u> </u>       |             |              | 9                                                |
| Dew Point                | 1     | • • • • • • • • • • • • • • • • • • • • | 0348    | 1            | <b></b> ₫    | 780          | -10.0        | 123.9                                            | 17    | ŧ              | 180                                              | 64.                                              | 4      | 93.          | O    |        | 1                                            |              | 1              | 1           |              | 9                                                |

USAFETAC FORM 0.26.5 (OL.A). BENSIO MENOLUS EDITUMS OF PROTEIN ARE CIRCULET.

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NET DOT APT 57-66 ") F C --- - /L -STATION NAME 0900-1100 PAGE 1 HOURS .. S. T.

| Temp.     |                   |       |       |                |                                                  |       |               |         |              |         | DEPRE        |                |                                                  |              |              |             |          |         | TOTAL         |            | TOTAL     |          |
|-----------|-------------------|-------|-------|----------------|--------------------------------------------------|-------|---------------|---------|--------------|---------|--------------|----------------|--------------------------------------------------|--------------|--------------|-------------|----------|---------|---------------|------------|-----------|----------|
| (F)       |                   | 0     | 1 - 2 | 3 - 4          | 5 - 6                                            | 7 - 8 | 9 - 10        | 11 - 12 | 13 - 14      | 15 - 16 | 17 - 18      | 19 - 20        | 21 - 22                                          | 23 - 2       | 25 - 2       | 26 27 -     | 28 29 .  | 30 + 31 | D.B. W.B.     | Dry Bulb W | et Bulb C | ew Point |
| 34/       |                   |       | . 3   |                |                                                  |       |               |         |              |         |              |                | i                                                |              | 1            | 1           |          |         | 3             | 3          |           |          |
| 32/       |                   |       | • 2   | 1              |                                                  |       | į             |         |              | 1       | İ            |                | ì                                                |              |              |             |          | ļ       | 2             | 2          | 5.        | 3        |
|           | 54                | . 1   | -1    |                | :                                                |       |               |         |              |         | <u> </u>     |                |                                                  |              | 1            | +-          | $\top$   |         | 7             | 2          | 1.        | - 3      |
| 28/       | 27                |       | . 3   | 1              | :                                                |       | i             |         | İ            | i       |              |                |                                                  |              |              |             |          |         | 3             | 3          | 3         |          |
| 26/       | 25                |       | • 1   | :              | : - !                                            |       |               |         |              | _       | <u> </u>     |                | <del>                                     </del> | t            | 1            | <del></del> |          |         | <b>1</b>      |            | Τ.        | · · · ·  |
| 24/       | 23                |       | . 8   |                | ' i                                              |       |               |         | 1            |         |              |                |                                                  | ł            |              |             |          | İ       | 7             | 7          | 4         | ž        |
| 22/       | 21                | . 3   | 1,4   | <del> </del> - | 1                                                | :     |               |         | <b></b>      |         |              | <del> </del> - | <del>                                     </del> | <del> </del> | 1            | +           |          |         | 15            | 15         | 12        |          |
| 20/       | 19                | . 7   | . 6   | i              |                                                  |       | ļ             |         |              |         |              | İ              |                                                  |              |              |             | ŀ        |         | l īı          | 11         | i 5       | 4        |
| 187       | 17                | 1.1   | . 6   | <b>—</b>       | ·                                                | -     | $\rightarrow$ |         |              |         |              |                |                                                  | <del> </del> | <del> </del> | +           | +        | +       | 15            | 15         | 13        | - 18     |
| 16/       |                   | 2.1   | 1.1   | 1              | 1                                                |       |               |         | ì            |         |              | ł              |                                                  |              |              |             |          |         | 29            | 29         | 26        | 15       |
| 14/       | 13                | 2.0   |       |                |                                                  |       |               |         | <del></del>  |         | ļ            | <u> </u>       | <u> </u>                                         | <del> </del> | +            | +-          |          |         | 32            | 32         | 30        | 15       |
|           | 11                | 3.2   | . 8   |                |                                                  |       |               |         |              |         |              |                | 1                                                |              | 1            |             |          |         | 35            | 35         | 42        | 30       |
| 107       | •                 | 2.9   |       |                | <del>                                     </del> | -     |               |         | -            |         |              | <del></del>    |                                                  |              | +            | +           |          |         | 35            | 35         | 33        | 27       |
| 8/        | 7                 | 3.5   | 5     |                |                                                  |       |               |         |              |         |              | ,              |                                                  |              |              |             | 1        | 1       | 34            | 35         | 35        | 34       |
| 67        | <del>- 5</del> †- | 4.3   | 1.0   |                | <del>-</del>                                     |       |               |         | <del> </del> |         | <del> </del> | }              | <del></del>                                      | ļ            | <del></del>  |             | +        | -       | 49            | 49         | 49        | 39       |
| 4/        | 3!                | 6.1   | 9     |                | ! ]                                              |       |               |         |              |         |              | İ              |                                                  | 1            |              |             |          | ļ       | 62            | 62         | 58        | 27       |
| 27        | -                 | 3.0   |       |                |                                                  |       |               |         |              |         | -            |                | <del></del>                                      |              | 1            | +           |          | -       | 45            | 45         | 44        | 46       |
|           | <b>-</b> 1:       | 3.2   | .,7   |                |                                                  |       | 1             |         |              |         |              |                |                                                  |              |              | i           |          |         | 34            | 36         | 41        |          |
|           | -3                | 2.3   |       |                | :                                                |       |               |         |              |         | <b></b>      |                | 1                                                |              | -            | +           |          |         | 31            | 31         | 23        | 52<br>30 |
|           | -5                | 2.1   | 1.1   |                |                                                  | - 1   | 1             |         |              |         |              |                | 1                                                |              |              | ĺ           |          |         |               |            | 30        | -        |
| -67       |                   | 3.2   |       |                |                                                  |       |               |         |              |         | ļ            |                | <u> </u>                                         | ļ            |              |             | _        | -       | 29            | 29         |           | 48       |
| -8/       |                   |       |       |                | i ļ                                              | ' I   |               |         |              |         |              | ļ              |                                                  |              |              |             |          | -       | 35            | 35         | 37        | 25       |
| 107-      |                   | 2.8   | 8     |                | i                                                |       |               |         |              |         | ļ            |                |                                                  |              | <b>↓</b>     |             | <u> </u> |         | 32            | 32         | 32        | 26       |
| -12/-     |                   | 2.8   | . 8   |                |                                                  | 1     |               |         |              |         | Ì            |                |                                                  |              |              |             |          | ļ       | 27            | 27         | 29        | 29       |
|           |                   |       |       |                | !                                                |       |               |         |              |         |              |                |                                                  | ļ            |              |             |          |         | 32            | 32         | 30        | 27       |
| 14/-      |                   | 4.1   |       |                | :                                                | 1     |               |         |              |         |              |                |                                                  |              |              |             |          |         | 42            | 42         | 43        | 31       |
| 16/=      |                   | 3.9   |       |                |                                                  | - 1   |               |         |              |         | L            |                |                                                  | <u> </u>     |              |             |          |         | 43            | 43         | 41        | 25       |
| 19/-      |                   | 7.8   | . 3   |                | i                                                | 1     |               |         |              |         |              |                |                                                  | ł            |              |             | 1        |         | 29            | 29         | 32        | 28       |
| 20/-      |                   | 4 : 3 | • 1   | 1              | l                                                | i     |               |         |              |         |              |                |                                                  | L            |              |             |          |         | 39            | 39         | 41        | 29       |
| 22/-      |                   | 2.9   |       |                |                                                  | -     |               |         |              |         |              |                |                                                  |              |              |             |          |         | 29            | 29         | 28        | 41       |
| 24/-      |                   | 2.3   | . 1   | <u>.</u>       | !                                                |       |               |         | L            |         | L            |                | L                                                | L            |              |             |          | İ       | 21            | 21         | 22        | 40       |
| 20/-      |                   | 2.8   |       |                |                                                  |       |               |         |              |         |              |                |                                                  |              | I            |             |          |         | 25            | 25         | 25        | 38       |
| 28/-      |                   | 2.4   |       |                |                                                  | 1     | ļ             |         |              |         |              |                |                                                  |              | 1            |             |          |         | 21            | 21,        | 21        | 21       |
| -30/-     |                   | 2.3   |       |                |                                                  |       |               |         |              |         |              |                |                                                  |              |              |             |          |         | 20            | 20         | 20        | 38       |
| -32/-     | 33                | . 9   |       | ŀ              |                                                  |       | - 1           |         |              |         | 1            |                |                                                  | 1            |              | -           |          |         | 8             | 8          | 8         | 34       |
| Element   | (X)               |       | Σχ²   |                |                                                  | Σχ    | Τ.            | X       | σ,           |         | No. Ol       | s              |                                                  |              |              | Mean        | No. of   | Hours w | ith Temperatu | re         |           |          |
| Rel. Hum  | ٦.                |       |       |                | I                                                |       |               |         |              |         |              |                | ≤ 0                                              | F            | 1 32 F       | 2           | 57 F     | ≥ 73 F  | ≥ 80 F        | ₹ 93 F     | Te        | ital     |
| Dry Bulb  | ,                 |       |       |                |                                                  |       |               |         |              |         |              |                |                                                  |              |              |             |          |         |               | 1          | -         |          |
| Wet Built | .                 | -     |       |                |                                                  |       |               |         |              |         |              |                |                                                  |              |              |             |          |         |               | 1          | +         | -        |
| Dew Por   |                   |       |       |                | t                                                |       |               |         |              | -+-     |              | +              |                                                  |              |              | +           |          |         | · <del></del> | t          |           |          |

USAFETAC FORM 0.26-5 (OL.A) REVISIO MEVOUS EDITIONS OF THIS FORM ARE OBSCIETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

FORT SMITH NET DOT APT

#### **PSYCHROMETRIC SUMMARY**

DEC

Temp. WET BULB TEMPERATURE DEPRESSION (F)

(F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

36/-37

38/-39

40/-41 0900-1100 PAGE 2 HOURS L. S. T. TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 26 9 18 13 18 -40/-41 6 5 -42/-43 Ž 2 -44/-45 -46/-47 TOTAL 78.721.3 930 887 76.9 8.828 -6.016.154 -4.714.715 -9.916.057 No. Obs. Mean No. of Hours with Temperature 3311902 68156 -5570 Rel. Hum. ± 0 F ± 32 F ≥ 67 F ≥ 93 F 273792 Dry Bulb 93.0 711027 -4123 887 53.9 Wet Bulb 314506 -8738 93.0 93

57-66

BEVISED MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-5 (OL A)

FORT SMITH NET DOT APT

#### **PSYCHROMETRIC SUMMARY**

DEC

| STA*., N         |       |     | 51             | TATION NA                             |             |         |                                                |               |              | ,            |                                                  |                                                  | YEA         | RS          |                                                  | PAGE                | 1           | 1200<br>HOURS | .TH<br>■1400 |
|------------------|-------|-----|----------------|---------------------------------------|-------------|---------|------------------------------------------------|---------------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|-------------|-------------|--------------------------------------------------|---------------------|-------------|---------------|--------------|
| Temp.            |       |     | -,             | ,                                     |             |         |                                                |               | EDEPRE       |              |                                                  |                                                  |             |             |                                                  | TOTAL               |             | TOTAL         | ,-           |
| (F)              |       |     | 4 5 - 6        | 7 - 8                                 | 9 - 10      | 11 - 12 | 13 - 14                                        | 15 - 16       | 17 - 18      | 19 - 20      | 21 - 22                                          | 23 - 2                                           | 4 25 - 26 2 | 7 - 28 29   | - 30 ≥ 31                                        | D.B. W.B. D         | y Bulb      | Wer Butb      | Dew Pon      |
| 36/ 35           |       | . 3 |                |                                       |             |         | !                                              |               |              | į            |                                                  | i                                                | 1 1         | 1           |                                                  | 3                   | 3!          | !             |              |
| 34/ 33<br>32/ 31 | • 1   | -   |                |                                       |             |         | <u> </u>                                       |               | . I          | L            | ↓                                                | ↓                                                |             |             | +                                                | 7                   | 5           | - 4           |              |
| 30/ 29           | • 4   | • × |                | ; j                                   |             |         |                                                |               | 1            |              | 1                                                |                                                  |             | 1           |                                                  | 6                   | 6           | •             | 4            |
| 28/ 27           |       |     |                |                                       |             |         | L I                                            | ļ             | <del></del>  |              | L                                                | <u> </u>                                         |             |             |                                                  |                     |             | <u>.</u>      |              |
| 26/ 25           | . 1   | .3  |                |                                       | j           |         | •                                              |               |              | !            |                                                  | 1                                                |             | ĺ           |                                                  | 2                   | 2           |               |              |
| 24/ 23           |       |     | - 📙            | 1                                     | - 1         |         | 1                                              | •             |              | ļ            | ļ                                                | ļ <b></b>                                        |             |             |                                                  | 4                   | 4           | :             |              |
| 22/ 21           | . 1   | 1.2 |                |                                       | :           |         |                                                |               |              |              | ļ.                                               |                                                  | - I         | İ           | - 1                                              | 12                  | 2           |               |              |
| 20/ 19           | 1.3   |     |                |                                       | <del></del> |         | •                                              |               | +            |              | +                                                | <u> </u>                                         |             | <del></del> |                                                  | 22                  | 12          | 34            |              |
| 18/ 17           | 1.5   | :.z |                |                                       |             |         |                                                |               | 1            |              |                                                  |                                                  |             |             |                                                  | 16                  | 22          | 24<br>21      | ,            |
| 16/ 15           | 1.9   |     | _              | +                                     |             |         |                                                |               | ·            | -            | <del></del>                                      |                                                  |             |             |                                                  | 29                  | 16<br>29    | 22            | 1 2 e        |
| 14/ 13           | 3.1   | 1.8 |                |                                       | 1           |         | !                                              |               |              |              |                                                  |                                                  | 1 ;         |             | 1                                                | 46                  | 46          | 48            | 36           |
| 12/ 11           | 7.4   | .9  |                |                                       | +           |         | <del></del>                                    |               | <del></del>  |              | ļ. —                                             | -                                                | + +         |             |                                                  | 30                  | 30          | 30            |              |
| 10/ 9            | 2.4   | 1.0 | İ              |                                       |             |         |                                                |               |              |              |                                                  | 1                                                |             | !           | i                                                | 31                  | 3           | 30            |              |
| 87 7             | 3.7   | 1.4 |                | · · · · · · ·                         |             |         |                                                | -             | +            |              | <u> </u>                                         | ÷ -                                              | +           |             |                                                  | 47                  | 47          | 32            | 3            |
| 6/ 5             | 5 - A | . 6 |                |                                       | ì           |         |                                                |               |              | :            | İ                                                | -                                                |             |             | - 1                                              | 58                  | 58          | 58            | 3            |
| 4/ 3             | 1.3   | 1.6 |                | 🕴                                     |             |         |                                                |               | <del> </del> | <del> </del> | <del></del> -                                    | <u>i</u>                                         | + +         |             | +                                                | 54                  | 36          | 51            | 3            |
| 2/ 1             | 2.9   | 1.2 | i              |                                       |             |         | ;                                              |               | 1            | <br>         |                                                  | 1                                                | 1 1         |             |                                                  | 38                  | 38          | 41            | 5            |
| 可,可              | 7.8   | 1.0 |                | •                                     |             |         | <b>-</b>                                       |               | <del> </del> |              | <del> </del>                                     | -                                                |             |             |                                                  | 35                  | 35          | - 31          | 3            |
| -2/ -3           | 3.8   | . 8 |                | · I                                   |             |         | :                                              |               | 1            |              |                                                  |                                                  | 1           | -           |                                                  | 42                  | 42          | 45            | 3            |
| -47 -5           | 2.2   | -8  |                | · · · · · · · · · · · · · · · · · · · | -           |         |                                                |               | +            |              | <del>                                     </del> | <del> </del>                                     | ++          |             |                                                  | 27                  | 27          | 30            | 3            |
| -6/ -7           | 2.8   | . 8 |                | 1                                     | į           |         |                                                |               | 1            |              | E                                                |                                                  |             | İ           |                                                  | 33                  | 33          | 29            | 3            |
| -8/ -9           | 3.5   | 1.0 |                | +                                     | ·           |         |                                                |               | +            | <u></u> -    | ļ                                                |                                                  | +           |             |                                                  | 41                  | 41          | 40            | 2            |
| -10/-11          | 3.1   | 1.6 | 1              |                                       |             |         | i                                              |               |              |              | 1                                                |                                                  |             | 1           |                                                  | 44                  | 44          | 41            | 3            |
| 12/-13           | 5 · 1 | . 8 | • • —          |                                       |             |         |                                                |               | +            |              | ·                                                | <del>                                     </del> |             |             | -+                                               | 34                  | 54          | 39            | 2            |
| -14/-15          | 4.3   |     |                |                                       |             |         |                                                |               |              |              |                                                  |                                                  |             | Ì           |                                                  | 52                  | 52          | 48            | 3            |
| -16/-17          | 2.5   | . 4 | +              |                                       |             |         |                                                |               | 1            |              | -                                                | <del>                                     </del> | + +         |             | -                                                | 27                  | 27          | 32            | 3            |
| -18/-19          | 2.7   | . 5 |                |                                       | į           |         |                                                |               |              |              |                                                  |                                                  |             | ľ           |                                                  | 30                  | 30          | 30            | 4            |
| -20/-21          | 2.1   |     |                | 1                                     |             |         | ł                                              |               | +            |              | <del>                                     </del> | <del></del>                                      |             |             | +                                                | 19                  | 19          | ŽĨ            | 40           |
| -22/-23          | 2.4   | ĺ   |                |                                       |             |         |                                                |               |              |              | 1                                                |                                                  |             |             |                                                  | 22                  | 22          | 22            | 3            |
| -24/-25          | 2.3   | • Z |                |                                       |             |         | -                                              |               | +            |              | 1                                                | <del>                                     </del> | +-+         | - +         | +-                                               | 23                  | 23          | 23            | Z            |
| -26/-27          | 2.7   | . 1 |                |                                       |             |         |                                                |               |              | 1            |                                                  |                                                  |             |             |                                                  | 26                  | 26          | 26            | 2;           |
| -28/-29          | 1.7   | • Z |                |                                       |             |         |                                                |               | +            | <u> </u>     | 1                                                | †                                                | 1 1         |             | <del></del>                                      | 18                  | 19          | 18            | 29           |
| -30/-31          | 1.4   | . 1 |                |                                       |             |         |                                                |               |              |              | [                                                |                                                  |             |             |                                                  | 14                  | 14          | 14            | 41           |
| Element (X)      |       | Σχ' |                | Z x                                   |             | ¥       | •,                                             | $\overline{}$ | No. Ob       | <b>s</b> .   |                                                  |                                                  |             | Mean No.    | of Hours wit                                     | h Temperatur        | - 1         |               |              |
| Rel. Hum.        |       | ··  | 1              |                                       |             |         | _ ^                                            | $\neg$        |              |              | <b>5</b> 0                                       | F                                                | ± 32 F      | ≥ 67 F      | ≥ 73 F                                           | ≥ 80 F              | -<br>→ 93 F | 1             | Fotal        |
| Dry Bulb         |       |     | - <del> </del> |                                       |             |         | <u>†                                      </u> | $\neg$        |              |              | <del>-</del>                                     |                                                  |             | <del></del> | <del>                                     </del> | † · · · · · · · · · |             | <del> </del>  |              |
| Wet Bulb         |       |     | <b>—</b>       |                                       |             |         | <del> </del>                                   | _+-           |              |              |                                                  |                                                  | +           |             |                                                  |                     |             |               |              |
|                  |       |     | <del></del>    |                                       | -           |         |                                                |               |              |              |                                                  |                                                  |             |             | <del></del>                                      | 4                   |             |               |              |

57-66

FORM  $0.26.5~\{\text{OL}~\text{A}\}$  revised meyous epitions of this fidew are obsought

SATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

26102 FORT SMITH NWT DOT APT 57-66

STATION STATION NAME YEARS

PAGE 2 1200-1600
HOURS IL. S. T. I

| Temp.       |      |      |       |       |          | WET      | BULB .      | TEMPER  | ATURE   | DEPRE        | SSION ( | F)        |        | ,              | ,                                                | -            | <del>,_</del>  | TOTAL                                            |              | TOTAL         |      |
|-------------|------|------|-------|-------|----------|----------|-------------|---------|---------|--------------|---------|-----------|--------|----------------|--------------------------------------------------|--------------|----------------|--------------------------------------------------|--------------|---------------|------|
| (F)         |      |      | 3 - 4 | 5 - 6 | 7 - 8    | 9 - 10   | 11 - 12     | 13 - 14 | 15 - 16 | 17 - 18      | 19 - 20 | 21 - 22 2 | 3 - 24 | 25 - 26        | 27 - 28                                          | 29 - 30      | ≥ 31           | D.B. W B.                                        | Dry Bulb     | Wet Bulb [    |      |
| 327-33      | - 8  |      |       |       |          |          |             | ]       |         |              |         |           |        |                |                                                  |              |                | 7                                                | 7            | 7             | 20   |
| 34/~35      |      |      | i i   |       |          |          | }           |         |         |              | ,       |           |        | 1              | ļ                                                | ļ            |                |                                                  |              |               | 20   |
| 36/-37      |      |      |       |       |          |          |             |         |         |              |         |           |        |                |                                                  |              |                | †t                                               | 3            |               | 12   |
| 38/-39      |      |      |       |       |          |          | l           |         |         |              | İ       |           |        |                |                                                  |              | i              |                                                  | 1            | 1             | 14   |
| -40/-41     |      |      |       |       |          |          |             |         |         |              |         |           |        |                | $\vdash$                                         |              | <del></del>    | <del> </del>                                     | <u>-</u>     |               |      |
| -42/-43     | i    |      |       |       |          |          |             |         |         |              | ,       | 1         |        |                |                                                  | l            |                | 1                                                |              | l :           | •    |
|             | 75.3 | 74.5 |       |       | <u> </u> |          | <u> </u>    |         |         | <del> </del> |         |           |        | <b>├</b>       |                                                  |              |                | <del>├</del> ──-                                 | 930          |               | 92   |
|             |      |      |       |       |          |          |             | [ [     |         | 1            |         | 1         |        | 1              | ĺ                                                | ĺ            | (              | 925                                              | ,,,,         | 925           | 76.  |
|             |      |      | ļ     |       |          |          | L           | ļ       |         | <b> </b>     |         |           |        | ļ              |                                                  |              | —              | 767                                              |              | 723           |      |
| į           | }    |      |       |       |          |          |             |         |         |              |         |           |        | )              | j                                                | j            |                |                                                  |              | i             |      |
|             |      |      |       |       |          |          |             |         |         | 1            |         |           |        | <u> </u>       |                                                  |              | <u> </u>       |                                                  |              | <u> </u>      |      |
| :           | -    |      |       |       |          |          | ŀ           |         |         |              | į l     |           |        |                | 1                                                | i            |                |                                                  |              | 1             |      |
|             |      |      |       |       |          |          |             |         |         |              |         |           |        | L              |                                                  |              | <u> </u>       | L }                                              |              |               |      |
| 1           |      |      |       |       |          |          |             |         |         |              |         |           |        |                |                                                  |              | I              |                                                  |              |               |      |
| ļ           | 1    |      |       |       |          |          |             |         |         |              |         |           |        | 1              | 1                                                | 1            | İ              | :                                                |              | 1             |      |
|             |      |      |       |       |          |          |             |         |         |              |         |           |        | 1              | †                                                | !            | <del></del>    | 4 I                                              |              |               |      |
|             | ì    |      |       |       |          |          |             |         |         |              |         |           |        |                | i                                                | }            | •              | 1                                                |              |               |      |
|             |      |      |       |       |          |          |             |         |         | <del></del>  |         |           |        | <del> </del> - | <del>                                     </del> | ┼──          | <del> </del> - | <del> </del>                                     |              | - :           |      |
|             | İ    |      |       |       |          | į į      |             | [ ]     |         | ĺ            | [ :     | ĺ         |        |                | ĺ                                                | ĺ            | (              | i                                                |              |               |      |
|             |      |      |       |       |          |          | <del></del> |         |         |              | -       |           |        |                | <del> </del>                                     |              | <del></del> -  | <del> </del>                                     |              | <del> </del>  |      |
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| Element (X) |      | Σχ'  |       |       | Zχ       |          | <u> </u>    | , °,    |         | No. Ob       |         |           |        |                |                                                  |              |                | h Temperat                                       | ure          |               |      |
| Rel. Hum.   |      | 239  | 3262  | L     | 700      | 70       | (2,5        | 9,3     | 0/      |              | 25      | ± 0 F     |        | ≤ 32 F         | ≥ 67                                             | F            | 73 F           | > 80 F                                           | ≥ 93         | F T           | otal |
| Dry Bulb    |      |      | 0160  |       | -27      |          |             | 14.7    |         |              | 30      | 51.       |        | 92.2           |                                                  |              |                |                                                  |              |               | 93   |
| Wet Bulb    |      |      | 1104  |       | -28      |          |             | 14.4    |         |              | 25      | 51.       |        | 92.5           |                                                  |              |                |                                                  |              | 1             | 93   |
| Dew Point   |      | 30   | 6435  |       | -79      | 47       | -8.0        | 16.0    | 55      | 9            | 25      | 62.       | . 2    | 92.6           | <del></del>                                      | -† $-$       |                |                                                  | <del> </del> |               | 93   |

USAFETAC FORM 0.26-5 (OL.A) REVISED MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION USAF ETAL AIR WEATHER SERVICE/MAC

FORT SMITH NWT DOT APT

#### **PSYCHROMETRIC SUMMARY**

JEC.

STATION NAME PAGE 1 1500-1700 HOURS (L. S. T.) 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 36/ 35 34/ 33 32/ 31 3 30/ 29 . 6 28/ 27 26/ 25 . 8 5 24/ 23 . 6 . 9 22/ 21 201 19 1.2 17 6 18/ 17 . 8 20 50 23 15 107 12 1.0 31 31 28 TB 2.1 14/ 13 1.1 29 32 22 127 39 39 35 25 1.3  $\mathbf{T}$ 3.2 10/ 1.2 41 41 44 33 45 87 4.0 51 51 37 6/ 5 4.5 1.0 51 51 53 45 47 3.0 50 50 52 43 3 21 42 . 6 34 34 34 07 -T 2.6 1.2 35 35 33 32 -2/ -3 3.5 1.1 42 42 47 39 43 -47 -5 1.0 43 43 3.7 33 2.4 29 -6/ -7 30 30 39 -87 -9 • 3 25 25 26 24 37 -10/-11 40 40 37 3.7 -127-13 32 52 34 34 =14/=15 =16/=17 40 30 . 6 40 39 29 2.7 . 8 32 30 23 . 5 30 34 -18/-19 30 30 25 23 -20/-21 23 24 27 -22/-23 2.4 . 2 24 2.9 -247-25 28 27 40 -26/-27 2.2 21 21 20 27 -28/-29 77 2.2 ·Z 22 22 25 -30/-31 1.8 33 Element (X) Mean No. of Hours with Temperature Rel. Hum. : 0 F : 32 F + 93 F > 80 F Dry Buib Wet Bulb

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DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

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| Element (X) | Z X 2   | Σχ         | ₹ <sub>R</sub> | No. Obs. |                                                  | Mean No. of Hou | rs with Temperature |       |
| Rel. Hum.   | 5431446 | 70302 76.1 | 9,458          | 924      | ± 0 F ≤ 32 F                                     | ≥ 67 F × 7      | 3 F * 80 F * 93 F   | Total |
| Dry Bulb    | 229890  | -3416 -3.7 | 15.296         | 930      | 52.8 92.                                         | 6               |                     | 93    |
| Wet Bulb    | 217460  |            | 14.899         | 924      | 53.0 92.                                         | 7               |                     | 73    |
| Dew Point   | 328292  | -8430 -9.1 | 16.503         | 924      | 61.8 92.                                         | 8               |                     | 93    |

AFETAC FORM 0.26.5 (OLA) REVISED MEYICUS EDITIONS OF THIS FORM AL

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DATA PROCESSING DIVISION USAF ETAC AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

FORT SMITH NWT DOT APT 57=66 26102 33C PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

WET BULB TEMPERATURE DEPRESSION (F)

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18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point

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TOTAL 1800-2000 30/ 29 . 6 .4 .2 28/ 27 5 24/ 23 4 7 5 22/ 21 .4 1.2 16 16 11 11 16 20/ 19 11 18/ 17 .4 1.2 16 10 - 9 167 27 25 15 1.7 23 23 4 14/ 13 25 25 1.3 12/ 11 24 24 20 27 10/ 9 55 51 51 15 87 4.2 48 46 41 31 5 1.1 6/ 6.6 69 74 69 49 --47 3 5.1 1.0 55 54 41 2/ 2.6 . 6 28 30 59 1 28 **07 =1** 2.0 1.3 49 35 28 33 -2/ -3 . 8 2.8 32 28 32 36 -4/ -5 1.9 1.0 47 49 72 -6/ -7 17 17 20 36 3.2 -8/ -9 .1 35 30 30 29 -10/-11 41 38 34 41 -12/-13 -14/-15 -16/-17 . 3 3.4 34 34 21 3.4 1.0 40 38 27 40 3.2 . 3 32 32 36 27 -18/-17 -18/-19 -20/-21 -22/-23 -24/-25 -26/-27 -28/-29 -30/-31 .2 32 32 31 23 3.2 33 33 34 40 3.1 30 30 30 29 • 1 25 25 26 30 2.6 23 23 23 48 ZZ 22 22 2.d 28 Σχ¹ Zχ No. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 32 F 2 67 F 2 73 F 2 80 F 5 0 F ≥ 93 F Total Dry Bulb Wet Bulb

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DATA PRUCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY:

26102 FORT SMITH NWT DOT APT 57466 OEC

514104 STATION NAME YEARS
PAGE 2 1800-2000
HOURS (L.S. T.)

| Temp.                |      |        |               |              |                |                |                                                  | TEMPER                                           |         |                |         |          |         |                |          |              |                                                  | TOTAL                                            |             | TOTAL         |                 |
|----------------------|------|--------|---------------|--------------|----------------|----------------|--------------------------------------------------|--------------------------------------------------|---------|----------------|---------|----------|---------|----------------|----------|--------------|--------------------------------------------------|--------------------------------------------------|-------------|---------------|-----------------|
| (F)                  | 0    | 1 - 2  | 3 - 4         | 5 - 6        | 7 - 8          | 9 - 10         | 11 - 12                                          | 13 - 14                                          | 15 - 16 | 17 - 18        | 19 - 20 | 21 - 22  | 23 - 24 | 25 - 26        | 27 - 28  | 29 - 31      | 2 31                                             | D.B./W.B.                                        | Dry Bulb    | Wet Bulb      | Dew Poir        |
| -32/-33              | 1.1  |        |               |              |                |                |                                                  |                                                  |         |                |         |          |         | T              |          | 1            | 1                                                | 10                                               | 10          | 10            |                 |
| -34/-35              | 1.0  |        | 1             |              | i 1            |                | 1                                                | , ,                                              |         |                |         |          |         | ]              | ŀ        | }            | }                                                | 9                                                | 10          | 9             | 26              |
| -36/-37              |      | i      |               |              |                |                |                                                  |                                                  |         | T              |         |          |         | <del> </del>   |          | <b> </b>     | +                                                | <del> </del>                                     | 18          |               | 21              |
| 38/-39               |      | l<br>I | !             |              |                |                |                                                  | ! I                                              |         | 1              |         |          |         |                |          |              |                                                  |                                                  | 7           |               | 10              |
| -40/-41              |      |        | <del> </del>  |              |                |                | <del>                                     </del> |                                                  |         | t              |         |          |         |                |          | <del> </del> | +                                                | <del> </del>                                     | 7           |               | - 5             |
| -42/-43              |      | í      |               |              |                |                |                                                  |                                                  |         | <u> </u>       |         | l i      |         |                |          | 1            |                                                  | 1                                                |             |               | 3               |
| 44/-45               |      |        | <del> </del>  |              | <del>   </del> |                |                                                  | <del>  </del>                                    |         |                |         |          |         | <del> </del>   |          | <del></del>  | -├                                               | <del> </del> -                                   |             |               | —- <del>1</del> |
| -46/-47              |      |        |               |              | l              |                |                                                  | [                                                |         |                |         |          |         |                | ĺ        | ĺ            | ĺ                                                |                                                  | 1           | ľ             | •               |
| -507-51              |      |        |               |              | -              |                |                                                  | <del> </del>                                     |         | <del> </del> - |         |          |         | <del> </del>   |          |              | +                                                | <del></del>                                      |             |               |                 |
| TUTAL                | d0.8 | 18.9   | . 3           | }            | 1 1            |                | }                                                | 1 1                                              |         | 1              |         | 1        |         |                |          | Į            | 1                                                |                                                  | 930         |               | 899             |
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|                      |      |        | ĺ             |              |                |                |                                                  |                                                  |         |                |         |          |         |                |          | 1            |                                                  | 077                                              |             | 077           |                 |
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|                      |      |        | !             | 1            | i i            |                |                                                  |                                                  |         |                |         |          |         |                |          |              |                                                  | '                                                |             |               |                 |
| Element (X)          |      | Σχ'    |               | <del></del>  | ZX             |                | -                                                | ┝╼                                               |         | No. Ob         |         | <u> </u> |         |                | ****     | No/ *        | 1                                                | h Temperat                                       |             |               |                 |
| Rel. Hum.            |      |        | 1348          |              | <del>- X</del> | 74             | 74.4                                             | 8,9                                              | 3       |                | 99      |          | -       | - 32 5         |          |              |                                                  |                                                  | <del></del> | <del></del>   |                 |
|                      |      |        | 4372          |              | -48            | 77             | -8.3                                             | 16,0                                             | 5       |                | 30      | : 0 F    |         | 92.6           | ≥ 67     | -            | ≥ 73 F                                           | ≥ 80 F                                           | ≥ 93 F      | <del></del> - | otal P g        |
| Dry Bulb<br>Wet Bulb |      |        | 5941          |              | -38            | <del>. 4</del> | -4.1                                             | 14.8                                             | 7 6     | · · ·          | 99      | 53.      |         | 72.9           |          |              |                                                  | <del> </del>                                     | <del></del> |               | 93              |
|                      |      |        | 1729          |              | -56            |                |                                                  | 16.2                                             |         |                | 99      |          |         |                |          |              |                                                  | ļ                                                | <del></del> |               |                 |
| Dew Point            |      | 26     | 1167          | <u> </u>     |                | 0.5            | -7./                                             | 10.6                                             | 7 7     |                | 77      | 67.      | 2       | 93.0           |          |              |                                                  |                                                  |             |               | 93              |

USAFETAC FORM 0.26-5 (OLA) REVISTO REVIOUS EDITIONS OF THIS FORM ARE OMOUGHE

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#### **PSYCHROMETRIC SUMMARY**

26102 5\*4\*-5N FORT SMITH NET DET APT

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PAGE 1

2100-2300 HOURS (L. S. T.)

| Temp.       |              |       |          |              |     |                | WET         | BUI 9                                            | TENS                                             | PER/     | THE    | DEPO     | ESSION       | /E\                                              |              |                                                  |              |                                                  |              | TOTAL                                            |            | TCTAL    |          |
|-------------|--------------|-------|----------|--------------|-----|----------------|-------------|--------------------------------------------------|--------------------------------------------------|----------|--------|----------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|------------|----------|----------|
| (F)         | 0            | 1.2   | 3.4      | , 7          | . 6 | 7.8            |             |                                                  |                                                  |          |        |          |              |                                                  | 22 24        | 26 24                                            | 27 20        | 20 2                                             | 2 31         |                                                  | Dev. Built |          | Dam P    |
| 32/ 31      |              |       |          | 1            |     | -              | 7 - 10      |                                                  | 13.                                              | 17       |        | ./ - 18  | 17 - 20      | 21 - 22                                          | 23 - 24      | 23 - 26                                          | 27 - 28      | 27 - 3                                           | - 31         | 1                                                | Jay Bulb   | wer bulb | DEW FOIR |
| 30/ 29      | <b>. 1</b> i | • 1   |          | Ž            |     |                |             |                                                  |                                                  |          |        |          |              |                                                  |              |                                                  |              |                                                  |              | 1                                                |            |          |          |
| 28/ 27      | <u>1</u>     | i     |          | 1            |     |                |             | -                                                | +-                                               | -+       |        |          | <del> </del> | <del>                                     </del> | <del></del>  | <del> </del>                                     | -            | +                                                | -            | 7                                                |            | -        |          |
| 20/ 25      |              | i     |          | ļ            |     | - 1            |             | 1                                                | !                                                | - 1      |        |          |              | 1                                                | l            | ł                                                | ł            | 1                                                | 1            | 1                                                |            | 1        | 1        |
| 24/ 23      | • 1          | 1.0   |          | -+           | -   |                |             |                                                  |                                                  |          |        |          |              | <del> </del> -                                   |              | <u> </u>                                         |              | <del> </del>                                     | +            | 10                                               | 10         | 1 6      | 2        |
| 22/ 21      | 2            | . 6   |          | 1            | ļ   |                |             |                                                  |                                                  | - 1      |        |          |              | ļ                                                |              | İ                                                | i            | i                                                | 1            | 9                                                |            |          |          |
| 20/ 19      | . 8          | 1.2   |          | <del></del>  |     |                |             | <del> </del>                                     | +-                                               | -+       |        |          | <del></del>  | -                                                | ļ <u>.</u>   |                                                  | <b>-</b>     | <del> </del>                                     | +            | 1                                                | 9          |          |          |
| 18/ 17      | 9            | .4    |          | i            |     |                |             |                                                  | İ                                                |          |        |          |              | 1                                                | į            |                                                  |              | İ                                                |              | 18                                               |            |          | 1        |
| 16/ 15      | 1.7          | 1.3   |          |              |     |                |             |                                                  | -                                                |          |        | <u> </u> | ļ            | -                                                | —            |                                                  |              |                                                  |              | 12                                               |            |          |          |
| 1           | 1.9          |       | Ł        | İ            | 1   | ĺ              |             |                                                  |                                                  | - 1      |        | ĺ        | Ì            | 1                                                | ł            | ł                                                | ł            | l                                                | 1            | 27                                               | 27         |          |          |
| 14/ 13      |              | .6    |          | -            |     |                |             |                                                  | -                                                |          |        |          | L            | <del></del>                                      |              | ļ                                                | ļ            |                                                  |              | 22                                               | 22         |          |          |
| 12/ 11      | 1.9          | 1.:   | 1        |              |     |                |             | İ                                                | ł                                                | - 1      |        |          |              | ł                                                |              |                                                  | İ            | 1                                                |              | 30                                               |            |          |          |
| 10/ 9       | 5.6          | 1.1   |          | +            |     |                |             | <u> </u>                                         | <del> </del> _                                   |          |        |          | 1            | <u> </u>                                         |              |                                                  | L            | ļ                                                |              | 60                                               | 60         |          |          |
| 8/ 7        | 4.2          | 1.1   | į        |              | İ   | l              |             | 1                                                | 1                                                |          |        |          |              |                                                  | 1            | ĺ                                                |              |                                                  |              | 47                                               | 47         |          |          |
| 6/ 5        | 6.2          | . 8   |          |              |     |                |             | L                                                | 1                                                |          |        |          | ļ            |                                                  |              | l                                                | L            | $\perp$                                          | 1            | 62                                               | 62         |          |          |
| 47 3        | 4.3          | . 7   |          | 1            | - ( | - (            |             |                                                  | Ī                                                | - [      |        |          | 1            |                                                  | Ï            | ĺ                                                | i            | İ                                                | 1            | 44                                               | 44         |          |          |
| 2/ 1        | 2.9          | . 9   |          | 1.           |     |                |             |                                                  | $\perp$                                          |          |        |          | 1            | ĺ                                                | ĺ            | ļ                                                | 1            |                                                  |              | 34                                               | 34         |          |          |
| 07 -1       | 1.6          | . 8   |          |              |     |                |             | Ì                                                |                                                  | _ [      |        |          |              |                                                  |              |                                                  |              | 1                                                |              | 21                                               | 21         | 19       | 3        |
| -2/ -3      | 2.1          | . 9   |          |              | ł   | i              |             |                                                  |                                                  | - [      |        |          |              |                                                  |              |                                                  |              |                                                  | i            | 27                                               | 27         | 27       |          |
| -4/ -5      | 3.8          | 1.0   |          |              |     |                |             |                                                  |                                                  |          |        |          | 1            |                                                  |              |                                                  |              |                                                  |              | 43                                               | 43         | 43       | 2        |
| -6/ -7      | 2.9          | . 6   |          | i            |     |                |             | ļ                                                |                                                  |          |        |          |              | ļ                                                |              |                                                  |              |                                                  |              | 31                                               | 31         | 3 9      | 2        |
| -8/ -9      | 4.4          | • 3   |          | 1            |     |                |             |                                                  | 1                                                |          |        |          | i –          |                                                  |              |                                                  |              |                                                  | T            | 42                                               | 42         | 39       | 2        |
| 10/-11      | 2.8          | . 4   | 1        | i            |     |                |             | l                                                |                                                  |          |        |          |              | Ì                                                |              |                                                  |              |                                                  |              | 29                                               | 29         |          | 3:       |
| 12/-13      | 2.7          | . 9   |          | ţ-           |     |                |             |                                                  |                                                  |          |        |          |              | 1                                                | _            |                                                  |              | 1                                                |              | 32                                               | 32         | 32       |          |
| 14/-15      | 3.8          | . 6   |          | į            | - 1 |                |             |                                                  |                                                  |          |        |          |              |                                                  | 1            |                                                  |              | ļ                                                | 1            | 39                                               | 39         | 39       |          |
| 16/-17      | 2.8          |       |          |              | †-  |                |             |                                                  | 1                                                |          |        |          |              |                                                  |              | <b>——</b>                                        | †            |                                                  | <del> </del> | 31                                               | 31         | 31       | 3;       |
| 18/-19      | 4.3          | . 2   |          |              |     |                |             |                                                  |                                                  | ļ        |        |          | ]            | ļ                                                | J            | J                                                | J            | ]                                                |              | 40                                               |            |          |          |
| 20/-21      | 3.8          | . 2   | 1        | <del>i</del> |     |                |             | <del>                                     </del> | <del>                                     </del> | $\dashv$ |        |          |              | <del> </del>                                     |              | $\vdash$                                         |              | <del>                                     </del> | +            | 36                                               | 36         |          |          |
| 22/-23      | 2.5          | -     |          |              |     |                |             |                                                  |                                                  |          |        |          | 1            |                                                  | 1            |                                                  |              |                                                  |              | 22                                               | 22         |          |          |
| 24/-25      | 3.3          | 1     | <u> </u> | +            | -+  |                |             |                                                  | +-                                               | -+       |        |          | <del> </del> | <del>                                     </del> | <del></del>  | <del> </del>                                     | <u> </u>     | $\vdash$                                         | +            | 30                                               | 30         |          |          |
| 26/-27      | 3.1          | - •   | 1        |              |     |                |             |                                                  | 1                                                |          |        |          |              |                                                  | l            |                                                  |              |                                                  | i            | 28                                               | 28         |          |          |
| 28/-29      | 3.1          |       | 1        |              |     |                |             | <del>                                     </del> | +-                                               | - +      |        |          |              | <del> </del>                                     | <del> </del> | <del>                                     </del> | <del> </del> | <del>                                     </del> | <del> </del> | 28                                               | 28         | 28       |          |
| 30/-31      | 1.5          |       |          | - [          | Į   | ļ              |             |                                                  |                                                  |          |        |          | ]            |                                                  |              | 1                                                | 1            |                                                  | 1            | 13                                               | 13         | 13       |          |
| 32/-33      | 1.0          |       |          | +            |     |                |             | <del> </del>                                     | +                                                | -+       |        |          | -            | <del> </del> -                                   |              | -                                                | ļ            |                                                  | +-           | 9                                                | 1.5        | - 13     | 32       |
| 34/-35      | . 6          |       |          | -            |     |                |             |                                                  |                                                  |          |        |          |              |                                                  |              |                                                  |              |                                                  |              | 7<br>  R                                         | 7          |          | 20       |
| Element (X) |              | E x 2 |          | +            | Σ   | <del>,  </del> |             | X                                                | +-                                               | ₹ X      | $\neg$ | No. O    | J            | <u> </u>                                         |              | L                                                | Mean         | No of t                                          | lours wit    | h Temperot                                       |            |          | - 20     |
| Rel. Hum.   | <u> </u>     |       |          |              |     |                | +           |                                                  | +-                                               |          | +      |          |              | = 0                                              |              | 32 F                                             | ≥ 67         |                                                  | ≥ 73 F       | ≥ 80 F                                           | 2 93       | E        | Total    |
| Dry Bulb    | <del></del>  |       |          | +            |     |                |             |                                                  | +-                                               |          |        |          |              | - 0                                              |              | - J2 F                                           | - 2 67       | -                                                | - /3 F       | - 80 F                                           | - 43       |          | TOTAL    |
| Wet Bulb    |              |       |          | ·            |     |                | <del></del> |                                                  | +-                                               |          |        |          |              |                                                  |              |                                                  | <del> </del> |                                                  |              | <del>                                     </del> | +          |          |          |
| Dew Paint   |              |       |          | -∤           |     |                | -+-         |                                                  | +                                                |          |        |          |              |                                                  |              |                                                  |              |                                                  |              | ļ                                                |            |          |          |
| Vew Faint   |              |       |          |              |     |                |             |                                                  | ٠                                                |          |        |          |              |                                                  |              |                                                  | l            |                                                  |              |                                                  |            |          |          |

USAFETAC FORM 0.26-5 (OL.A) REVISED MENIOUS EDITIONS OF THIS FORM ARE OLSCILETE

DATA PROCESSING DIVISION USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

26102 FORT SMITH NWT DOT APT 57-66 DEC

STATION NAME

STATION NAME

PAGE 2 2100-2300
HOURS CL.S. F.

| Temp.       |         |                                                  |              |              |              | WET      | BULB         | TEMPER  | RATURE   | DEPRE                                            | SSION (        | F)            |        |              |              |          |                |      | TOTAL     |          | TOTAL    |          |
|-------------|---------|--------------------------------------------------|--------------|--------------|--------------|----------|--------------|---------|----------|--------------------------------------------------|----------------|---------------|--------|--------------|--------------|----------|----------------|------|-----------|----------|----------|----------|
| (F)         | 0       | 1 - 2                                            | 3 - 4        | 5 - 6        | 7 - 8        | 9 - 10   | 11 - 12      | 13 - 14 | 15 - 16  | 17 - 18                                          | 19 - 20        | 21 - 22       | 23 - 2 | 4 25 - 2     | 6 27 -       | 28 29    | - 30           | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb |          |
| 36/-37      |         | •                                                |              |              |              |          |              |         |          |                                                  |                |               |        |              |              |          |                |      |           | 15       |          | 2        |
| 38/-39      |         |                                                  | i            | :            | 1            | -        |              |         | i        |                                                  |                |               |        |              |              |          |                |      |           | 10       |          | 1        |
| 40/-41      |         | ;                                                |              | <del></del>  |              |          | -            |         |          | †                                                |                |               |        | <del> </del> | _            | _        |                |      |           | 10       |          |          |
| 42/-43      |         |                                                  |              |              |              |          |              |         |          |                                                  | !              |               |        |              |              |          | ļ              |      |           | 1        |          |          |
| 48/-49      |         |                                                  |              |              |              |          | <del> </del> |         |          |                                                  |                | <del> </del>  |        | +            | +            |          |                |      |           | i        |          |          |
| -50/-51     |         |                                                  |              | 1            |              |          |              |         | }        |                                                  | 1              |               |        | İ            | 1            |          |                |      |           | ,        |          | İ        |
| 52/-53      |         | ļ                                                | i            | <u> </u>     |              | ļ        |              |         |          |                                                  | <del> </del> - |               |        | +            |              |          | -              |      |           | - 1      |          |          |
| TOTAL       |         | 18.6                                             |              |              |              |          | 1            |         |          |                                                  | ŀ              |               |        |              |              |          |                |      |           | 930      |          | 88       |
| 0,746       | - 1 - 1 | 1.0.0                                            |              |              |              |          | <u> </u>     |         |          | <b>├</b> ──                                      | <b></b> -      | 1             |        |              | <b></b> _    |          |                |      | 889       |          | 889      |          |
|             |         | i                                                |              | ĺ            |              | į        |              |         | ļ        |                                                  |                |               |        |              |              |          |                |      | 007       |          | 007      | 1        |
|             |         |                                                  |              |              |              |          |              |         |          |                                                  | L              |               |        |              | 1            |          |                |      |           |          |          | <u> </u> |
| i           |         | l                                                |              |              |              |          |              |         | ĺ        | ļ                                                |                | ł I           |        |              |              | 1        | İ              |      |           |          |          |          |
|             |         |                                                  |              |              |              |          |              |         | i        | <u> </u>                                         |                |               |        |              |              |          |                |      |           | İ        |          |          |
| !           |         | ļ                                                |              |              |              |          |              |         |          | 1                                                |                |               |        | 1            |              |          |                |      |           |          |          | I        |
|             |         |                                                  | <u>i</u>     |              |              |          |              |         | 1        | l                                                |                |               |        |              |              | 1        | l              |      |           |          |          |          |
|             |         |                                                  |              |              | 1            |          |              |         |          |                                                  |                |               |        |              |              |          |                |      |           |          |          |          |
|             |         |                                                  |              | <u> </u>     |              |          |              | ļ       |          |                                                  | l              | 1             |        | i            |              | Ì        |                |      |           |          |          |          |
|             |         | i                                                |              | i            |              |          | <u> </u>     |         |          |                                                  |                |               |        | †            | +            | $\dashv$ | $\neg$         |      |           |          |          |          |
|             |         |                                                  |              |              |              |          |              |         |          |                                                  | İ              | i l           |        | ŀ            |              | ŀ        | 1              |      |           |          |          |          |
|             | -       | ļ —                                              | +            |              |              |          | <del> </del> |         |          | ├──                                              |                |               |        | 1            | +            |          | -+             |      |           |          |          |          |
|             |         | 1                                                |              | İ            |              | ŀ        |              |         |          |                                                  |                | 1             |        |              |              |          |                |      |           |          |          |          |
|             |         | ·                                                | <del> </del> | · · · -      | -            |          |              |         |          | <u> </u>                                         |                | <del>  </del> |        |              | +            |          |                |      |           |          |          | ļ        |
|             |         | !                                                |              |              |              | -        |              |         |          |                                                  | ŀ              |               |        |              |              |          |                |      |           |          |          | 1        |
|             |         |                                                  |              | 1            | ļ            |          | <u> </u>     | ļ       |          | Ļ                                                |                | 1             |        | <del></del>  | <del></del>  |          |                |      |           |          |          |          |
|             |         | 1                                                |              |              | ĺ            | ŀ        | ì            | ĺ       |          |                                                  | 1              |               |        |              |              |          |                |      |           |          |          | 1        |
|             |         |                                                  | ļ. <u>.</u>  | l            | l            |          |              |         |          |                                                  |                |               |        |              | ļ.,,         | _        |                |      |           |          |          |          |
|             |         | l                                                | Ì            | 1            | 1            | ļ        |              |         |          | ł                                                |                |               |        |              |              |          |                |      |           |          |          |          |
|             |         |                                                  |              |              | 1            | _        | j .          |         |          |                                                  |                | l             |        |              |              |          |                |      |           |          |          | ŀ        |
|             |         |                                                  | Ī            |              | [            |          |              |         |          |                                                  |                |               |        |              |              | T        |                |      |           |          |          |          |
|             |         | 1                                                |              | İ            |              |          |              | 1       |          |                                                  |                |               |        | 1            | 1            |          |                |      |           |          |          |          |
|             |         |                                                  | 1            |              |              |          |              |         | <u> </u> | 1                                                |                |               |        | 1            | $\top$       | $\neg$   |                |      |           |          |          |          |
|             |         |                                                  |              | į            |              | i        |              |         |          |                                                  |                |               |        | 1            |              |          | i              |      |           |          |          |          |
|             |         | <del>                                     </del> | †            |              | <b></b>      |          |              | ·       | <u> </u> | <del>                                     </del> | 1              |               |        | 1 -          |              | $\top$   | -              |      |           |          |          |          |
|             |         | t<br>I                                           |              | i            |              |          |              | 1       |          |                                                  |                |               |        |              |              |          |                |      |           |          |          |          |
|             |         | <del> </del>                                     | +            | ·            | <del> </del> |          | -            | -       |          | $\vdash$                                         |                |               |        | +            | +            | +        | +              |      |           | -        |          | -        |
|             |         |                                                  |              |              |              |          |              | 1       |          |                                                  |                |               |        |              |              |          |                |      |           |          |          | 1        |
| Element (X) |         | Σχ²                                              | L            | <del> </del> | Z X          |          | X            |         | <u> </u> | No. Ol                                           |                | L             |        | 1            | Men          | - No     | -6 H           |      | Temperat  |          |          | Ļ        |
| Rel. Hum.   | -       |                                                  | 2116         |              | 687          | 34       | X 2          | , T     | 4.2      |                                                  | 89             | ± 0 F         |        | ± 32 F       |              |          |                |      |           |          |          |          |
| Dry Bulb    |         |                                                  | 3224         |              | -55          | <u> </u> | 77,3<br>=6,0 | 16.4    | 7.5      |                                                  | 30             | 54.           |        | 93.          | <u> </u>     | 67 F     | ≥ 7.           | 3 F  | ≥ 80 F    | ≥ 93 F   |          | Total 9  |
|             |         |                                                  | 8110         |              | -41          | ¥ 5      | -0,0         | 14      | 80       |                                                  | 89             | 53            |        | 93.          | <del>N</del> |          | <del> </del> _ |      |           | -        |          | 9        |
| Wet Bulb    |         |                                                  | 7383         |              | -87          | 79       | -9.8         | 1797    | 70       |                                                  | 89             | 61            |        | 73.          | <u>~</u>     |          |                |      |           |          |          |          |
| Dew Point   |         | 30                                               | ,,,,,,,      | 1            | -0/          | - 7      | -7.0         | 1200    | · ບ 🖣    | Q                                                | 97             | 210           |        | 790          | U            |          | 1              |      |           |          | 1        | 9        |

USAFETAC FORM 0-26-5 (OLA) REVISED MEYOUS EDITIONS OF THIS FORM ARE OBSOIGHT

#### MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

26102 FORT SMITH NWT DUT APT 57-66

| 6102        | FQF       | RT SMITH | H NWT D     | UT APT     |              |        | 57-6          | 6     |       |       |         |         |             |        |
|-------------|-----------|----------|-------------|------------|--------------|--------|---------------|-------|-------|-------|---------|---------|-------------|--------|
| 5 1 A 1 - 5 |           |          | STAT C      | N NAME     |              |        |               |       |       | YEARS |         |         |             |        |
| R5 1 5 1    |           | JAN      | FEB         | MAR        | APR.         | MAY    | אטנ           | JUL   | AUG   | SEP   | ОСТ     | NOV     | DEC         | ANNUAL |
|             | MEAN      |          | -11.4       | . 5        |              |        | 48.8          |       |       |       | 30.4    |         | -5.9        |        |
| 00-02       | 5 0       | 16.731   |             |            | 3.347        |        | 8.048         | 6.246 | 6.681 | 7.954 | 9.378   | 16.572  | 6.068       | 27.89  |
|             | TOTAL OBS | . 930.   | <u>846.</u> | <u>930</u> | <b>90</b> 0. | 930    | 900           | 930   | 930   | 900   | 930.    | 900.    | 930         | 1095   |
|             | MEAN      |          | -12.5       |            |              |        |               |       |       |       |         |         |             | 20.    |
|             |           | 16.916   |             |            |              |        |               |       |       |       |         |         |             |        |
|             | TOTAL OBS | . 927.   | 846.        | 930        | 900          | 930    | 900           | 730   | 930   | 900   | 930     | 900     | 930         | 1095   |
|             |           | -16.6    |             |            |              |        |               |       |       |       |         |         | <b>-6,5</b> | 22.    |
|             |           | 16.931   |             |            |              |        |               |       |       |       |         |         | 6.522       | 29.37  |
|             | TOTAL OBS | 928      | 846         | 930        | 900          | 930    | 900           | 930   | 930   | 900   | 930     | 900     | 930         | 1095   |
|             |           | -15,9    |             |            |              |        |               |       |       |       |         |         | -6.0        | 27,    |
|             |           | 10.469   |             |            |              |        |               |       |       |       |         |         |             | 31.11  |
|             | TOTAL OBS | 930      | 846         | 930        | 900          | 930    | 900           | 930   | 930   | 900   | 930     | 900     | 930         | 1095   |
|             | MEAN      |          | -3.3        |            |              |        |               |       |       |       |         |         |             |        |
|             | S D       |          |             |            |              |        |               |       | 8,138 | 9.710 | 10.9111 |         |             |        |
|             | TOTAL OBS | 930      | 846         | 930        | 900.         | 930    | 900           | 930   | 930   | 900   | 930     | 900     | 930         | 1095   |
|             | MEAN      |          | -1.7        |            |              |        |               |       |       |       |         |         |             | 32,    |
|             |           | 14.670   |             |            |              |        |               |       |       |       |         |         |             | 31.00  |
| -           | TOTAL OBS | 930      | 846         | 930        | 900          | 930    | 900           | 930   | 930   | 900   | 930     | 900     | 930         | 1095   |
|             | MEAN      |          | -6,8        |            |              |        |               |       |       |       | 33.3    |         | -5.2        | 29.    |
| 18-50       |           | 15.749   |             |            |              |        |               |       |       |       |         |         |             | 31.23  |
|             | TOTAL OBS | 930      | 846         | 930        | 900          | 930    | 900           | 930   | 930   | 900   | 930     | 900     | 930         | 1095   |
|             |           | -15,6    |             |            |              |        |               |       |       |       |         |         |             | 24.    |
| 21-23       |           | 10.425   |             |            |              |        |               |       |       |       |         |         |             |        |
|             | TOTAL OBS | 930      | 846         | 430        | 900          | 930    | 900           | 930   | 930   | 900   | 930     | 900     | 930         | 1095   |
| ALL         | MEAN      |          | 8.5         |            |              |        |               |       |       |       | 32.5    |         |             |        |
| HOURS       | S D       | 16.158   | 17.5171     | 7.2091     | 4.190        | 12.524 | 10.880        | 9,313 | 9.570 | 9.931 | 10.3351 | 15.9661 | 15.927      | 30.09  |
|             | TOTAL OBS | 7435     | 6768        | 7440       | 7200         | 7440   | 7 <b>2</b> 00 | 7440  | 7440  | 7200  | 7440.   | 7200    | 7440        | 8764   |

USAFETAC FORM 0 89 5 (OL1)

#### MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY DOSERVATIONS

YEARS

26102 FORT SMITH NWT DOT APT

57-66

ILIN SEP FFR APR MAY ш AUG OCT NOV ANNUAL -12.1 -8.3 .5 20.4 34.3 45.1 51.9 49.4 39.1 29.1 8.2 -4.6 13.82715.75016.13512.407 8.138 7.121 5.414 5.820 7.592 8.67116.04814.570 22.0 00-02 S D 25.120 OTAL OBS 930 900 930 930 900 930 897 888. 797. 760 919. 900 10681 7.9 -4.8 -12.2 -8.5 -1.0 18.1 32.5 44.0 50.5 47.8 38.0 28.3 7.9 -4.8 13.75715.70016.47213.440 8.080 7.066 5.775 6.167 7.725 8.60415.96414.545 21.1 03-05 S D 24.800 TOTAL OBS 789 738 909 900 930 900 730 930 900 930 894 884 10634 MEAN -12.5 -9.1 -1.3 19.3 35.9 48.3 54.1 50.6 38.5 27.8 7.8 -4.9 08 5 0 13.99315.66116.51213.151 8.352 6.582 4.820 5.924 7.529 8.81215.70314.739 TOTAL OBS 797 734 902 900 930 900 930 930 930 892 880 06-08 S D 26.031 10625 MEAN -12.4 -8.3 4.5 25.1 39.8 51.1 57.0 55.0 43.2 30.8 8.5 -4.7 09-11 5 D 13.75015.25414.84111.195 8.541 6.763 5.179 5.373 7.432 8.75715.20314.715 TOTAL OBS 815 799 926 900 930 900 930 900 930 900 930 893 887. 25.0 26.784 MEAN -11.0 -3.7 10.8 28.8 42.2 52.5 58.1 56.5 45.7 33.7 10.8 -3.1 27.1 5 D 13.36814.41613.31410.191 8.185 6.642 5.182 5.583 7.710 8.69314.26214.430 26.248 TOTAL OBS 894 841 930 900 930 900 930 900 930 900 925 10910 MEAN -11.1 -2.1 12.8 30.0 43.0 52.8 58.3 56.6 46.0 33.8 10.1 -3.7 S D 13.59114.23312.865 9.718 8.024 6.444 5.016 5.472 7.655 8.73514.43814.899 TOTAL OBS 892 844 930 900 930 900 930 900 930 900 924 27.5 26.220 10910 MEAN -11.6 -6.3 8.3 28.0 42.0 52.2 57.8 55.5 43.4 31.2 8.4 -4.3 S D 13.54215.74314.64010.167 8.151 6.393 5.022 5.426 7.738 8.49515.31614.898 TOTAL COSS 830 824 930 900 930 900 930 900 930 899 899 26.0 18-20 26,643 10802 MEAN -11.8 -7.3 3.5 23.4 38.1 49.2 55.1 51.8 40.5 29.7 7.9 4.7
23 5 D 13.71615.79915.85811.387 8.161 6.772 5.048 5.603 7.588 8.57615.56314.580
TOTAL OBS. 799 782 927 900 930 900 930 900 930 897 889 25.864 10714 -11.6 -6.6 4.8 24.1 38.5 49.4 55.4 52.9 41.8 30.6 6.7 -4.3 13.69015.48715.93412.298 8.989 7.429 5.893 6.517 8.182 8.92615.35314.678 6613 6322 7373 7200 7440 7200 7440 7440 7200 7440 72172 7176 S D 26.074 86016

.

USAFETAC FORM 0 89 5 (OL1)

#### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

20102 FORT SMITH NWT DOT APT 57-66

|                                                  |           |        | STA" (  | N NAME |       |       |       | -     |       | YEARS | -      |        |             |        |
|--------------------------------------------------|-----------|--------|---------|--------|-------|-------|-------|-------|-------|-------|--------|--------|-------------|--------|
| <u>β&lt; ,                                  </u> |           | JAN    | FE8     | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC         | ANNUAL |
|                                                  | WEAN      | -18.2  | -14.0   | -5.0   | 15.3  | 28.9  | 41.4  | 49.2  | 47.5  | 37.1  | 26.6   | 4.2    | -9.6        | 17.    |
| 00-02                                            | 4.5       | 14.800 |         |        |       |       |       |       |       |       |        |        |             |        |
|                                                  |           | 797    |         |        | 900   |       | 900   |       |       |       | 930    |        | 887         |        |
|                                                  | MEAN      | -18.1  | -14.1   | -6.4   | 13.4  | 28.1  | 40.9  | 48.4  | 46.4  | 36.3  | 25.9   | 4.0    | 9.9         | 17.    |
| 03-05                                            | 5 E       | 14.560 |         |        |       |       |       |       |       |       |        |        | 15.724      |        |
|                                                  |           | 789    |         |        |       |       |       |       |       |       |        |        | 884         |        |
|                                                  | MEAN .    | -18.5  | -14.8   | -6.7   | 14.1  | 29.7  | 43,3  | 50.8  | 48.7  | 36.8  | 25.6   | 4.0    | -10.0       | 18.    |
| 06-08                                            |           | 14.792 |         |        |       |       |       |       |       |       |        |        | 15.919      | 27.26  |
|                                                  | 101AL 085 | 797    | 733     | 902    | 900   | 930   | 900   | 930   | 930   | 900   | 930    | 892    |             |        |
| •                                                | MEAN      | -18.5  | -14.4   | -2.0   | 18.0  | 30.4  | 43.0  | 51.0  | 50.5  | 39.4  | 27.5   | 4.5    | _9.9        | 19.    |
| 09-11                                            |           | 14.483 |         |        |       |       |       |       |       |       |        |        | 16-057      |        |
|                                                  |           | 815    |         |        |       |       |       |       |       |       |        | 893    |             | 1074   |
|                                                  | MEAN      | -17.4  | -10.4   | 3.4    | 20.5  | 30.6  | 42,5  | 50.2  | 49.9  | 39.7  | 28.8   | 6.2    | -8.6        | 19.    |
| 12-14                                            | S D       | 14.184 | 15.7581 | 4.5491 | 0.349 | 8.422 | 8.422 | 6.892 | 6.692 | 8.585 | 8.1241 | 5.621  | 16.055      | 25.96  |
|                                                  |           | 894    |         |        |       |       |       |       |       |       | 930    |        | 925         |        |
|                                                  | MEAN      | -17,5  | _8.9    | 5,3    | 20.9  | 30.5  | 42.3  | 49.9  | 49.4  | 39,4  | 28,8   | 5.8    | <b>-9.1</b> | 20.    |
| 15-17                                            | 5 D       | 14.523 | 15.7981 | 4.110  | 9.978 | 8.515 | 8.409 | 6,990 | 6.732 | 8.617 | 8.2211 | 15.767 | 16.503      | 25.73  |
| · .                                              | TOTAL OBS | 892    | 844     | 930    | 900   | 930   | 900   | 930   | 930   | 900   | 930    | 900    | 924         | 1091   |
|                                                  | MEAN      | -17.7  | -12.3   | 2.0    | 20.1  | 30.7  | 42.7  | 50.7  | 50.2  | 39.2  | 27.8   | 4.2    | 29.7        | 19.    |
| 18-20                                            | 5 D       | 14.425 | 17.1841 | 5.7921 | 0.501 | 8.885 | 8,571 | 7.054 | 6.163 | 8.342 | 8.6021 | 6.690  | 16.275      | 26.57  |
|                                                  |           | 530    |         |        |       |       |       |       |       |       | 930    | 899    | 899         |        |
|                                                  | MEAN      |        | -12.9   |        |       |       |       |       |       |       |        |        | -9.8        |        |
| 21-23                                            | S D       | 14.662 | 17.0051 | 6.9721 | 2.223 | 8,911 | 8.256 | 5,885 | 5.868 | 8.196 | 8,915  | 6.958  | 15.808      | 26.82  |
|                                                  |           | 799    |         |        |       |       |       |       |       | 900   |        | 897    | 889         | 1071   |
|                                                  | MEAN      |        | -12.6   |        |       |       |       |       |       |       |        |        | .9.6        |        |
| ALL<br>HOURS                                     | 5 D       | 14.545 |         |        |       |       |       |       |       |       |        |        | 16.016      | 26.57  |
|                                                  | TOTAL OBS | 6613   | 6319    | 7373   | 7200  | 7440  | 7200  | 7440  | 7440  | 7200  | 7440   | 7172   | 7175        | 8601   |

USAFETAC FORM 0 89-5 (OL.I)

STATION STATION NAME PERIOD MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|             | HOURS                                 |          |          | PERCENTAG                               | E FREQUENCY | OF RELATIVE                           | HUMIDITY GR | EATER THAN                            |            |             | MEAN         | TOTAL         |
|-------------|---------------------------------------|----------|----------|-----------------------------------------|-------------|---------------------------------------|-------------|---------------------------------------|------------|-------------|--------------|---------------|
| MONTH       | (L.\$.T.)                             | 10%      | 20%      | 30%                                     | 40%         | 50%                                   | 60%         | 70%                                   | 80%        | 90%         | HUMIDITY     | NO OF<br>OBS: |
|             |                                       | <u> </u> | <u> </u> | :<br>                                   |             | ·                                     |             | · · · · · · · · · · · · · · · · · · · | ·          | :-          |              |               |
|             |                                       | 1        | .:       |                                         |             |                                       | :<br>:      |                                       | <b>L</b> _ | ! _         | <b>.</b>     | <u> </u>      |
|             |                                       | •        | 11.      |                                         | <u>a</u>    | · · · · · · · · · · · · · · · · · · · | <u>-</u>    | <del></del> .                         |            | :           |              |               |
| · · · · · · | · · · · · · · · · · · · · · · · · · · |          | 79.      | · • • • • • • • • • • • • • • • • • • • |             |                                       | <b>:</b>    | , <del></del>                         | t          | . '1        | . <b>_ :</b> | 1             |
|             |                                       | <u> </u> | ,,,      | !                                       |             |                                       | <u> </u>    | . <u>ie</u>                           |            |             | 1            |               |
| ·<br>+      |                                       |          |          |                                         |             |                                       | 11:         | , <u>,,</u>                           | 1          | <del></del> | Ļ <b>:</b>   | 1.            |
|             |                                       | ļ        | <br>     |                                         |             | , ,                                   | , `•        | 5/11                                  |            | • •         |              | 744           |
|             |                                       | į        | 1        | R '                                     |             |                                       | / •         | 1.0 /                                 | 4 .        | . 6         |              | 754           |
|             |                                       |          | 11.      |                                         |             |                                       | 4 . 4       | ,,,,                                  |            | ٥٠٠٠        | <i>1</i> ,   | 7             |
| ,           |                                       |          | 1        | 2 16                                    |             | 1,.                                   | 12.         | اروف                                  | 7          |             |              | 14.           |
|             |                                       |          | <u> </u> | 1                                       | 1           | 17.                                   | Spage       | :9,3                                  | 22         | 1/10.       |              | 71.7          |
|             |                                       | 1        | 1        | 100.0                                   | 1000        | 95.                                   | 95.1        | 11.4                                  | 9- 0       | .,          | 1:0          | 1.1.          |
| 101         | ALS                                   |          | ुक•ु ।   | 21.01                                   | ,           | 80,00                                 | 7           | 1.0                                   | 1          | 14.61       |              | 67.19         |

USAF ETAC FORM 0-87-5 (OL 1)

|         |   | 1 1 E        |      |            |      |       |
|---------|---|--------------|------|------------|------|-------|
| STATION | - | STATION NAME | <br> | <br>PERIOD | <br> | MONTH |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS                                      |            |          | PERCENTAG  | E FREQUENCY | OF RELATIVE | HUMIDITY GE | REATER THAN |          |                                       | MEAN       | TOTAL          |
|-------|--------------------------------------------|------------|----------|------------|-------------|-------------|-------------|-------------|----------|---------------------------------------|------------|----------------|
| MONTH | (L.S.T.)                                   | 10%        | 20%      | 30%        | 40%         | 50%         | 60%         | 70%         | 80%      | 90%                                   | RELATIVE   | NO. OF<br>OBS. |
| ,     | <u> </u>                                   |            | <u> </u> | · · · · ·  | ļ           | ; <u>.</u>  |             | 4. 1        |          | · · · · · · · · · · · · · · · · · · · | -          | # 1 *          |
|       | *                                          | 1          |          | 1 w .      | ļ <u>.</u>  |             | <u> </u>    |             | <u> </u> | ·                                     |            |                |
|       | 1                                          |            | 1        | 1          |             | ,           |             | . 1         | • !      | · · · · · · ·                         | , <u>.</u> | , , ,          |
|       |                                            | 17.10      | (40.0    | 100.0      | 1.07.00     |             |             | 4.5         | , , ,    | iei                                   |            | 1              |
|       |                                            | 12.        | 14.00    | <br> 100.0 | 1000        | 10 y 210    | ١,          |             | 1 .      |                                       |            | <u>,</u>       |
|       | <u>  i                                </u> |            | 1, 11,11 | 100.0      | 19.1        | 9           | 19.3        | 14.7        | 1        | 1                                     | 1:.        | 21             |
| :     |                                            | 1          | ,,,      | 100.0      | 47.         | 99,1        | 24.0        | 4.          |          | 1.4                                   |            |                |
|       | :-,                                        | , <u>.</u> | 1        | 99.3       | 90,         | 95.         | 15.5        | 35.0        | 6        | 1.3                                   | 7100       | <i>i :</i>     |
| ļ     | <u>+</u> ··                                | -          |          | -          |             |             | ļ           |             |          |                                       |            |                |
| ·<br> |                                            |            |          |            |             |             |             |             |          | <del></del> -                         |            |                |
|       |                                            |            |          |            |             |             |             | ļ           |          |                                       |            |                |
| <br>  | .L.                                        |            |          |            |             |             |             |             |          |                                       |            |                |
| 10    | TALS                                       | j .        | 199.0    | 99.9       | 99.7        | 90.0        | 93,3        | 3.1         | 1 . 4    |                                       | 71.3       | <u></u>        |

USAF ETAC FORM 0-87-5 (OL 1)

|         |              | i saa i s |       |
|---------|--------------|-----------|-------|
| STATION | STATION NAME | PERIOD    | MONTH |
|         |              |           |       |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|              | HOURS    | •       |          | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY GR | EATER THAN |          |       | MEAN     | TOTAL          |
|--------------|----------|---------|----------|-----------|-------------|-------------|-------------|------------|----------|-------|----------|----------------|
| MONTH        | (L.S.T.) | 10%     | 20%      | 30%       | 40%         | 50%         | 60%         | 70%        | 80%      | 90%   | HUMIDITY | NO. OF<br>OBS. |
|              | - :1-(   | 10- 1.  | 100.0    | 200.0     | *           | 700         | 77s • *     | 1501       | 2.1      | 3.4   | , .      | <u> </u>       |
|              | 275      | 1000    | 11000    | 100.      |             | 200         | -, :        | /9         |          | 1.4   |          | <u>/ } 4</u>   |
|              | )···-(i  | 10.4    | 1199 • 1 | 199.5     |             | .,,.        | 71,0        | .9. s      |          |       | ,,,,     | 191            |
|              | -11      | 10 .:   | 100.0    | 79.7      | 99.1        | 1           | ,,          | -4.1       |          | 3 . 4 | 1        |                |
|              | 1 -1     | 112.02  | 10000    | 100.2     | 21.1        | ) ,4        | 7.          | 4.5        | 1.1      | ١٠,   |          | 41             |
|              | 11.51    | 11      | 1.000    | 19.3.1    | 93.         | 91. 1       | 4.4         |            | <u>i</u> | 1.1   | , ,      | 44             |
|              | <u> </u> | . V . • | 100,1    | 11:1) . 1 | 93.7        | 40.1        | 92.5        | 45.9       | 2000     | 4.0   | , · •    | • 3            |
|              | -        | , · · · |          | 150.0     | 10:00       | 92.         | 94.         | 70.6       | .7,4     | , 4   | 74,7     | f.,            |
|              | <u> </u> | •       | +        |           |             |             |             |            |          |       |          |                |
|              |          |         |          |           | ļ           |             |             |            |          | _     |          |                |
| ,            |          |         |          |           | <br>        |             |             |            |          |       |          |                |
| Land Control |          | je se i | *        |           |             |             |             |            |          |       |          |                |
| то           | TALS     | 111 11  |          | 100.0     | 99,7        | 9           | 91.2        | 65.5       | 2        | e + 0 | , ,      | 6.15           |

USAF ETAC | FORM | 0-87-5 (OL 1)

F. ...

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|             | HOURS         | 7               |          | PERCENTAC | SE FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |       |          | MEAN              | TOTAL          |
|-------------|---------------|-----------------|----------|-----------|--------------|-------------|------------|-------------|-------|----------|-------------------|----------------|
| MONTH       | (L.S.T.)      | 10%             | 20%      | 30%       | 40%          | 50%         | 60%        | 70%         | 80%   | 90%      | RELATIVE HUMIDITY | NO. OF<br>OBS. |
|             | ·<br>         | 101.0           | 1000     | 13000     |              | 3.,         | 94.        | 12.         |       |          | 1.7.              | 1              |
|             |               | 10.00           | 15.110.1 | 100.0     | Scott        | 1           | , ,        | _نور-       |       | 1        | .5.               | 1.0            |
| - ·         |               | <u>(*)- •:-</u> | 10000    | 100.0     | y:,          |             |            | 1391        | 5     | !<br>    |                   | , , .          |
|             | - 1:          | 11              | 100.0    | 100.0     | 97.          | 35.5        | _i         | 7,          | Z:•   | • •      | /                 |                |
|             | 1 -1          | 12 -            | 15000    | 39.1      | 11.7         | 97,5        | 1-,4       | 441         |       | <br>     | 7.                |                |
|             | 5 <b>5</b>    | 11.             | 100.0    | 99,9      | 9142         | 50.9        | 70.0       | 42.00       | 1     | .,,      |                   | ) ;            |
|             |               | 10.             | 1000     | 100.0     |              | ٠,,,        | 34.1       | 39.4        | 23.1  |          | 11,7              | . 1            |
|             | 1-0           | 1 7 4:          | ini-t.   | 100.0     | ,,,          | 9 . 1       | 97.4       | 116.2       | .,    | <u> </u> | 14.1              | 1,11           |
|             |               | ļ               | <u> </u> | <u> </u>  | ļ            |             |            | <u> </u>    |       |          |                   |                |
| <del></del> |               | ļ               |          |           |              |             | ļ <u>.</u> |             |       |          |                   |                |
|             |               |                 |          |           |              |             |            |             |       |          |                   |                |
|             | !<br><u> </u> |                 |          |           |              |             |            |             |       |          |                   |                |
| 101         | TALS          | 1,              | 100.0    | 100.0     | 99.1         | 90.1        | 35.7       | 51.3        | 27. 1 | 1.6      | 10.0              | 7117           |

PORM 0-87-5 (OL 1)

|         | · • • • • • • • • • • • • • • • • • • • | 1 - 11 |       |
|---------|-----------------------------------------|--------|-------|
| STATION | STATION NAME                            | PERIOD | MONTH |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|          | HOURS             |       |             | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN    |      |        | MEAN     | TOTAL          |
|----------|-------------------|-------|-------------|-----------|-------------|-------------|------------|----------------|------|--------|----------|----------------|
| MONTH    | (L.S.T.)          | 10%   | 20%         | 30%       | 40%         | 50%         | 60%        | 70%            | 80%  | 90%    | RELATIVE | NO. OF<br>OBS. |
|          | 0.0               | 3000  | 1.000       | 100.1     | . : .       | 9           | - 4 -      | 11 g t.        |      | 1.02   | 120      | 151            |
|          |                   | 107.0 | 150.0       | 99.7      | 47.         | 90.         |            | 75.0           | 4 1  |        | 11.      | 102            |
|          | - <del>-</del> -0 | 10.00 | 130.0       | 19.7      | 97.         | 12.5        | 2          | / <u>/.j.1</u> | ۵.۰۰ | ( • -  | 1.1      | ٠,             |
|          | ·~. [ ;           | to .0 | 99,9        | 99.       | 9           | .49,        |            | 100            | 100  | ,,,    | 11000    |                |
| . =      | 1                 | 10.00 | 19,1        | 199.4     | 37.4        | 7:00        | 49,2       | 66,9           | 1,   | 1.0 1  | 1.1.1    |                |
|          | .1                | 1:    | 77),        | 23.01     | 11.7        | 61,0        | 42.6       | 23.0           | 1    |        |          | 24             |
|          | ļ                 | 1     | J.4300 • 11 | 27.1      | 21 .        | 1000        | 14.7       | 33.1           | 1. 6 | 3.9_   |          | 1              |
|          | <u></u>           | 1     | 100.0       | 100.0     | U 1         | 92.0        | 30.0       | 14.0           | 24.5 | 1 . 0  | 11.1     | , , , ,        |
| <b>+</b> |                   |       |             |           |             | ļ           |            |                |      |        |          |                |
| ;        |                   |       |             |           |             |             |            |                |      |        |          |                |
| ·        |                   |       |             | <u></u>   |             |             |            |                |      |        |          |                |
| :        | \                 |       |             |           |             |             |            |                |      |        |          |                |
| 10       | TALS              | 10.   | 99.3        | 20.9      | 13 × 12     | 01.4        | 71.2       | 48.5           | 27.7 | ., . 9 | 0.00     | <i>12</i> o c  |

USAF ETAC #ORM 0-87-5 (OL 1)

| STATION STATION NAME PERIOD MON |
|---------------------------------|
|---------------------------------|

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS          | ,           |                                       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY GI | REATER THAN |      |         | MEAN     | TOTAL<br>NO. OF |
|-------|----------------|-------------|---------------------------------------|-----------|-------------|-------------|-------------|-------------|------|---------|----------|-----------------|
| MONTH | (L.S.T.)       | 10%         | 20%                                   | 30%       | 40%         | 50%         | 60%         | 70%         | 80%  | 90%     | HUMIDITY | OBS.            |
|       |                | 10.00       | <br> 180#5                            | 17.1      | <u> </u>    | 7100        | 7 1 9 1     | -3.1        |      | 1.3     | 1101     | <u> </u>        |
|       |                | 13000       | 120.0                                 | 10000     |             | 0/.         |             | 8 • C       | 9.   | . 9 . 9 | 12.      |                 |
|       | 1              | 10%.        | 4 3 (1 p ()                           | 99,7      | 1,          | ` •         | 48.1        | 13,0        |      | / . /   | . 7, ;   | . 3             |
|       | -11            | 10          | 99,9                                  | 24.4      | 17.1        | ,,,         | 13.         | ) (, , ;    | • •  |         | 4 ·      |                 |
|       | · . <u>i</u> . | 12.00       | 10.50                                 | 54.5      | 00.6        | 20.7        | 1 و الم     | 11.6        |      | 1.1     | * 1 * 2  | : 9             |
|       | 1 -1           | 1000        | · / g s                               | 19.4      | 34.1        | 20,1        | 16.         | ii g        | 9.4  | • 3     | 964.     | . 3             |
|       | · · · · · ·    | 1 .         | , , , , , , , , , , , , , , , , , , , | 39.00     | 41.5        | *1.1        | 22.0        | 12.4        | 1,7  | 2.3     |          | ,               |
|       | 1 -2           | 101 • 0     | 100.0                                 |           | 21.2        | 74.5        | 51.3        | 31.5        | 15.5 | 5.1     | 67.7     | ,               |
|       |                | <u> </u>    |                                       |           |             |             |             |             |      |         |          |                 |
|       |                | 1           |                                       |           | -           |             |             |             |      |         |          |                 |
|       |                |             |                                       |           |             |             |             |             |      |         |          |                 |
| 101   | ALS            | , C * • · · | 99.6                                  | 96.0      | gri 🌲 🛊     | 11.3        | 46.9        | 31.0        | 10.1 | >.5     | 57.1     | 744             |

USAF ETAC FORM 0-87-5 (OL 1)

STATION

**RELATIVE HUMIDITY** 

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD

|       | HOURS     |                  |             | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY GR | REATER THAN     |       |              | MEAN<br>RELATIVE | TOTAL<br>NO. OF |
|-------|-----------|------------------|-------------|-----------|-------------|-------------|-------------|-----------------|-------|--------------|------------------|-----------------|
| MONTH | (L.S.T.)  | 10%              | 20%         | 30%       | 40%         | 50%         | 60%         | 70%             | 80%   | 90%          | HUMIDITY         | OBS.            |
|       | 10~0      | 1                | 100.        | 100.      | · · · · · · |             |             | <u>(; • ° °</u> | 3.    | 14.11        | 77.              | <u> </u>        |
|       | ; ,       | 10000            | 190.0       | 10,000    | F12 . *     | 31.1        | 13.         |                 | ,     | 5            | <u> </u>         | - 5.25          |
|       | 1 (1      | 100000           | 190.0       | 99.1      | 19.0        | 250 . 1     | 1 • /       | 100             |       | / <u>, t</u> |                  | 1.15            |
|       | 11        | 10               | 90,0        | 97.5      | 19.6        | 3 ?         | 52.7        | 1 (1 g K        | 1 .7  | •            |                  | 01              |
|       | <u> 1</u> | 1                | 1 19.       | 4000      | 29.B        | 20.         | 72.5        | 14.1            |       |              |                  | 1.25            |
|       | 17.11     | !<br>  <u> </u>  | !           | 4 . 3     | 74.         | 36.         | 20.1        | 1302            | / • · | 2.1          | 47.              | 1.0             |
|       |           | 11               | · · · · · · | ,,,       | .401        | 41.4        | 27.         | 17.6            | 1.7   | .1           |                  |                 |
|       | 1 = -     | :<br>. k · · • · | . 1         | 29.4      | 19119       | 19.         | 01,3        | 41.4            | 2'.2  |              | 66.              |                 |
|       | 4 .       | ;                | ;<br>}      |           |             |             |             |                 |       |              |                  |                 |
|       | <u> </u>  |                  | 1           |           |             |             |             |                 |       |              |                  |                 |
|       | <br>      |                  | <u>.</u>    |           |             |             |             |                 |       |              |                  |                 |
|       | ·         |                  |             |           |             |             |             |                 |       |              |                  |                 |
| το    | TALS      |                  | 73.0        | 2 N a U   | 1.0         | 65.9        | 51.4        | 37.2            | 2     | 15.5         | 62.1             | 12.)0           |

USAF ETAC FORM 0-87-5 (OL I)

MONTH

STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|          | HOURS             | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |              |              |              |       |              |              | MEAN         | TOTAL<br>NO. OF |          |
|----------|-------------------|--------------------------------------------------------|-------|--------------|--------------|--------------|-------|--------------|--------------|--------------|-----------------|----------|
| MONTH    | (L.S.T.)          | 10%                                                    | 20%   | 30%          | 40%          | 50%          | 60%   | 70%          | 80%          | 90%          | HUMIDITY        | OBS.     |
| i ———    | <br> - <u>u-u</u> | 200.0                                                  | 100.3 | 100.0        | 100 4.1      | 77.0         | 7     | <u> </u>     |              |              | 21.4            |          |
| ,        |                   | 100.0                                                  | 100.0 | 100.0        | 10000        | 9.,,         | 1125  | 29.3         | 1            |              | n 's . •        | 1 230    |
| :<br>!   | -:                | 100.0                                                  | 100.0 | 100 0        | 9711         | 7.           | , 0.1 |              | 51.1         | 11.4         | 1 /             |          |
|          | }                 | 10                                                     | 107.0 | 99.0         | 134 .        | 7/06         | 41,1  | 16.0         | 1 1 1        |              |                 |          |
| !<br>    | · - J.            | 1^1.1                                                  | tgn,g | 20.0         | 16.0         | 40.1         | 27.   | 10.6         |              | : • 1        | 1.1             | 13_      |
| <u> </u> | : ~1              | 17,00                                                  | 100.0 | 24.1         | 10.4         | 44.5         | 26.0  | 16.0         |              | 1.00         | .1.             | <u> </u> |
|          |                   | (c). •0                                                | 3.00  | 77.4         | 11,2         | 50.1         | 37.7  | 21.2         | 11.7         | 4.0          |                 |          |
|          | 1                 | 15: 40                                                 | 1,000 | 100.0        | 29.          | 94.2         | HO.Z  | 19.U         | 30.1         | 12.7         | 13.7            | ,        |
| <b></b>  |                   | ļ                                                      |       | ļ            | <del> </del> |              | -     |              |              | <del> </del> |                 |          |
|          |                   |                                                        | -     | ļ            |              | <del> </del> |       |              |              | ļ            |                 |          |
|          | <u> </u>          |                                                        | -     | <del> </del> | <del> </del> | <u> </u>     | -     | <del> </del> |              |              | -               | ļ        |
| 10       | TALS              | 1 11 16                                                | 100.0 | 98.4         | 23.2         | 75.9         | 6245  | 47.1         | ٠<br>١ م ا ف | ا د د د      | 12.7 a /        | 7990     |

USAF ETAC 0-87-5 (OL 1)

STATION STATION NAME PERIOD MONT

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |                                                    | .—     | PERCENTAC | SE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |          | MEAN      | TOTAL          |
|-------|----------|----------------------------------------------------|--------|-----------|-------------|---------------|------------|-------------|------|----------|-----------|----------------|
| MONTH | (L.S.T.) | 10%                                                | 20%    | 30%       | 40%         | 50%           | 60%        | 70%         | 80%  | 90%      | RELATIVE  | NO. OF<br>OBS. |
|       |          | 107.0                                              | 100.0  | 100.0     | 100.0       | 100.0         | <u> </u>   | 2.01        | 1.1  | 3.1      | 61 64     | 33             |
|       | 1 '      | 10300                                              | 100.0  | 100.0     | 100.0       | 100.          | 30.4       | 1.000       |      | <u> </u> | 43.13 ··· | 230            |
|       |          | 130.0                                              | 100.0  | 100.3     | 100+0       | 100.0         |            | 170.03      | 1.1  | 11.9     |           | ) <b>)</b>     |
|       |          | 10 teV                                             | 100.0  | 99,9      | 99.64       | 91.04         | 1000       | 41.0        | 7    |          | 1.1       | , i            |
| _     | 1_       | 1                                                  | 13000  | 08.8      | 11 12 g     | 66.0          | 41.5       | 23.2        | 1:01 | 1.       | 4.        |                |
|       | 1 1      | }<br><u>  1 1 1                               </u> | L. C.  | 90.1      | p 4 g 3     | 31.4          | 34.7       | 72.2        | 11.  | 4.2      |           | ! )            |
|       | ·<br>    | 1                                                  | 1000   | 1119 12   | 9.,         | 1,1.5         | 58.4       | 19.1        | 21.4 | 0.0      | 6,0,1     | ·              |
|       | 1.14.2   | 1                                                  | 100.40 | 100.0     | 100.0       | 90,           | 94.3       | 79.9        | 34.2 | 22.6     | 36.6      | 4 51           |
|       |          |                                                    |        |           |             | J             |            |             |      |          |           |                |
|       |          |                                                    |        |           |             |               |            |             |      |          |           |                |
|       |          |                                                    |        |           |             |               |            |             |      |          |           |                |
| 1     | •        |                                                    |        |           |             |               |            |             |      |          |           |                |
| то    | TALS     | 10/ • :                                            | 100.0  | 99.7      | 96.1        | 86.7          | 74.5       | 61.7        | 4 }  | 23,5     | 14,       | 7441           |

USAF ETAC FORM 0-87-5 (OL 1)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|         | HOURS    |          |                | PERCENTAC | E FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |       |       | MEAN      | TOTAL           |
|---------|----------|----------|----------------|-----------|------------|---------------|------------|-------------|-------|-------|-----------|-----------------|
| MONTH   | (L.S.T.) | 10%      | 20%            | 30%       | 40%        | 50%           | 60%        | 70%         | 80%   | 90%   | RELATIVE  | NO. OF<br>OB\$. |
|         | 112      | 12000    | 1. 11.         | 100.0     | 100        | 100.          |            |             |       |       | (1.0      | 10,00           |
|         | <u> </u> | 1.1.2.2. | <u>, 1-91 </u> | 100.      | 10,0       | 10            | 4.4        | 16.1        |       | 7     | ,         |                 |
|         |          | 110.00   | 1600 .         | 1         | 100        | 99.           | 17.        |             |       |       |           | • •,            |
| ·       | -1.      | 10000    | 100.0          | 100.0     | 10/10/1    | 07.5          | .1         | M 10        | 4 25  | 11.0  | 1150      | 2.0             |
|         | 1.41.    | 100.0    | 190.0          | 99.4      | 94.9       | 7 1.00        | .9.        | :1.1        |       | 1     |           |                 |
|         | • 1      | 1        | 100.0          | 1979.     | 71.0       | 73.1.         | 14.0       | 33.3        | 1 100 |       | 1.3.3     |                 |
| <u></u> | <u> </u> | 10.      | 190.0          | 99.9      | و،، و      | 90,0          | 07.0       | 13.4        | 10.00 | 4     | 74.7      | . r -           |
|         | 1.07     | 10.40    | 1000           | 100.0     | 99,9       | 99.7          | 96.3       | -706        | 6.7.3 | 15.41 | 5, 2 , 12 |                 |
|         |          |          |                |           |            |               |            |             |       |       |           |                 |
|         |          |          |                |           |            |               | ]          |             |       |       |           |                 |
|         |          |          |                |           |            |               |            | 1           |       |       |           |                 |
|         |          |          |                |           |            |               |            |             |       |       |           |                 |
| то      | TALS     | 1,61 1.  | 106.0          | 99.9      | 9          | 93.4          | 34.4       | 71.8        | 34.4  | 79.8  | 18.       | 77.00           |

USAF ETAC | PORM | 0-87-5 (OL 1)

STATION STATION NAME PERIOD MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS             | į        |          | PERCENTAG | E FREQUENCY | Y OF RELATIVE | HUMIDITY G | REATER THAN      |          |      | MEAN     | TOTAL          |
|-------|-------------------|----------|----------|-----------|-------------|---------------|------------|------------------|----------|------|----------|----------------|
| MONTH | (L.S.T.)          | 10%      | 20%      | 30%       | 40%         | 50%           | 60%        | 70%              | 80%      | 90%  | RELATIVE | NO. OF<br>OBS. |
|       | .\ <u>., -\Ç</u>  | 10000    | 1000     | 100.0     | ,           | 99.           | 9.         | 1, , y           | i . e 1) | 190  | 5: 9     |                |
|       | 1-0               | 100.0    | 100.0    | 10000     | 10000       | 9             | 29.1       | .5.              | 1.1      |      | . , , ,  |                |
|       | ()                | 100.0    | 100.0    | 100.0     | 100.        | 100.          |            | 76.1             |          | 4000 | •        | 7              |
|       | - ] !             | 10-10    | 100.6    | 100.0     | 30.         | 9.,           | 94.        | 9. i             |          |      | 12.47    | ;              |
|       | - 1               | 10       | 100.0    | 99.9      | 97.7        | 10/10         | 79.1       | 1104             | 1 42     | 14.4 |          | <u>.</u>       |
|       | · - <u>.</u> -    | 177.     | 1.00 •   | 94.1      | 77,         | 90.00         | 73.        | 10.9             | No.      |      | 7 1      |                |
|       |                   | 1100     | 100.1    | 100.2     | 97,7        | 36.0          | 4. •1      | 1.3.0            | 27.5     | 22.9 | 1        |                |
|       | <u>  1 - 7   </u> | 100 •0   | 100.6    | 100.0     | 1917        | 99.           | 96.3       | 40.1             | 67.8     | 11.4 | 14 . 1   | ,              |
|       |                   |          | <u> </u> |           |             |               |            |                  |          |      |          |                |
|       |                   | <u> </u> |          |           |             |               |            |                  |          |      |          |                |
|       |                   |          |          |           |             |               |            |                  |          |      |          |                |
|       | r                 |          |          |           |             |               |            |                  |          |      |          |                |
|       | ALS               | 10.      | 100.0    | 100.0     | 99.2        | 7/.1          | 92.        | 0. <b>3 .</b> () | 5.0.7    | · )  |          | 244            |

USAF ETAC FORM 0-87-5 (OL 1)

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| STATION | . i = 1* | STATION NAME | · - · - · | PERIOD | МОМТН |
|---------|----------|--------------|-----------|--------|-------|
|---------|----------|--------------|-----------|--------|-------|

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|          | HOURS             |        | -           | PERCENTAC | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |                                                |         | MEAN<br>RELATIVE | TOTAL<br>NO. OF |
|----------|-------------------|--------|-------------|-----------|-------------|---------------|------------|-------------|------------------------------------------------|---------|------------------|-----------------|
| MONTH    | (L.\$ T.)         | 10%    | 20%         | 30%       | 40%         | 50%           | 60%        | 70%         | 80%                                            | 90%     | HUMIDITY         | OBS.            |
|          | ·                 | 10 .0  | 12000       | 1550      | 1600        | ļ             |            | 1.64        |                                                |         |                  |                 |
|          |                   | 12000  | 1100.0      | 100.0     | 11          | · · · · ·     | 79 .       | /           |                                                | 100     | <u> </u>         | t 's            |
|          | !<br><del> </del> | 402.00 | 100.0       | 100.0     | 1000        | 100.          | 777.       | •           |                                                | , , , ; | 3.1              | ,               |
|          | -1:               | 10.0   | 100.0       | 100.0     | 1000        | 1111          | ) fr 🙀 😩   | .9.         |                                                |         |                  | (1)             |
| t= = +   |                   | 1      | 1310.00     | 100.5     | 100.0       | 77.           | 9.1.2      | 4,9 12      | 1 4                                            |         | 100              | - 36            |
|          | .1                | 1 ' •  | 1.17.00     | 100.0     | 100.0       | 24.5          | 97.0       | 20.1        |                                                | 1.1     | 1.,              |                 |
|          | <u> </u>          | 11.0.  | 100.0       | 100.0     | 100.0       | 100.0         | 1001       | 19.6        | -1                                             | 1606    | 1.               | 9%              |
| <u> </u> | 1 -,              |        | (50)        | 100.0     | 100 015     | 94.,          | 98.0       | 119,7       | , , · · <u>· · · · · · · · · · · · · · · ·</u> | 17      | 21.              | . , ,           |
|          | ·                 |        | <u> </u>    |           |             |               | -          |             |                                                |         |                  |                 |
|          |                   |        |             | -         |             |               |            |             |                                                |         |                  |                 |
|          |                   |        |             |           |             |               |            |             |                                                |         |                  |                 |
| 10       | TALS              | 1.11   | 1 : .(1 • 1 | 190.9     | 10000       | 99.5          | 96.2       | 1-9.3       | 3 4 6                                          | 1,71,05 | 1.7              | 1) 12           |

USAF ETAC FORM 0-87-5 (OL 1)

STATION STATION NAME PERIOD MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|        | HOURS    |           |          | PERCENTAC    | E FREQUENCY    | OF RELATIVE | HUMIDITY GR | EATER THAN |                |          | MEAN<br>RELATIVE | TOTAL           |
|--------|----------|-----------|----------|--------------|----------------|-------------|-------------|------------|----------------|----------|------------------|-----------------|
| MONTH  | (L.S.T.) | 10%       | 20%      | 30%          | 40%            | 50%         | 60%         | 70%        | 80%            | 90%      | HUMIDITY         | NO. OF<br>OB\$. |
|        |          | 1         | 1        | <del> </del> | <u> </u>       | 7.5         | • •         | Li e :     |                | .1       | 11.              | , , (           |
|        |          | 1: • :    | 100.     | 11.          | 11.            |             |             | <u> </u>   |                | <u> </u> |                  | t               |
|        |          | 1         | 1.0.0    | 100.         |                |             | •           | 1          |                |          | 11,              |                 |
| 4      |          | 11        | 100.     | 100.0        | 1.11 9.        | , .         |             | , ,        |                | 1        | , <u>.</u>       |                 |
|        |          | 1:        | 1100     | 11.0.0       | 10191          | 25,         | 1 4 1       | - 3 •      |                |          | <u>'</u>         |                 |
|        |          | ļ <u></u> | 1.31.0   | 10000        | 1679.          | 1970 . 4    | 43.         | 7.4.1      | 3 4.:          |          |                  |                 |
|        | ·        | · · · ·   |          | 100.         |                | 1.,         | 46.         | 74.7       |                | . 1      |                  |                 |
|        | !<br>    | ·         |          | 1000         | 3000           | * 1 x 3     | 37.4        | (1 + 1     |                | , 4      | 71.              |                 |
| ŧ- · - |          |           |          | <del></del>  |                |             |             |            |                |          | -                |                 |
| ,      |          | †         | 1        |              | <del> </del> - |             |             |            |                |          |                  |                 |
|        | •        |           | †        |              |                |             |             |            |                |          |                  |                 |
| 101    | TALS     |           | <u> </u> | 1.70.1       | 1 11 ,         | 17          | 25.1        | 17.4       | 2,1 <u>.</u> . | . ,      | )                | 1.1.            |

USAF ETAC FORM 0-87-5 (OL 1)

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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

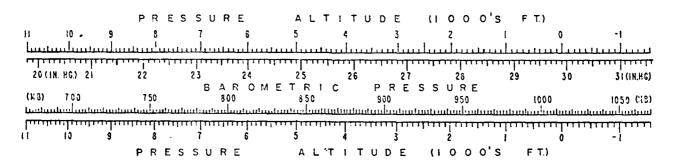
#### PART F

#### PRESSURE SUMMARY

Precented in this part are two tables giving the reams, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly symoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



#### MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY DBSERVATIONS

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|         |            |         | 14           | - Cart 1941 1 |        |        |        | •      |        |        |        |        |       |        |
|---------|------------|---------|--------------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 5.▼. ⊃• | •          |         | STATION NAME |               |        |        |        |        |        | YEARS  |        |        |       |        |
| HRS LST |            | JAN     | FEB          | MAR           | APR    | MAY    | אטנ    | JUL    | AUG    | SEP    | OCT    | NOV    | DEC   | ANNUAL |
|         | MEAN       | 29.3552 | 9.3097       | 9.3292        | 9.2462 | 9.2302 | 9.1302 | 9.1192 | 9.1332 | 9.1482 | 9-0882 | 9.1962 | 9.264 | 29.217 |
| 0.2     | 5 0        |         |              |               |        | .228   |        |        | .207   |        |        | .338   |       |        |
|         | TOTAL OBS  | 310     |              |               |        |        |        |        |        |        | 310    |        |       |        |
|         | MEAN       | 29.3552 |              |               |        |        |        |        |        |        |        |        | 9,261 | 29.21  |
| 95      | 5 D        |         | .335         | . 299         | .277   | .232   | .201   | .189   | .212   | . 255  | .320   | .340   | .329  | . 292  |
|         | .TOTAL OBS | 309     | 282          | 310           | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310   | 3651   |
|         | MEAN       | 29.3552 | 9.3102       | 9.3382        | 9.2562 | 9.2402 | 9.1372 | 9.1332 | 9.1392 | 9.1542 | 9.0882 | 9.1932 | 9.254 | 29,216 |
| 0.6     | 5 D        | .313    | .334         | .299          | 4281   | .235   | 200    | 189    | .217   | 259    | .326   | 339    | .333  | 294    |
|         | TOTAL OBS  | 310     | 282          | 310           | 300    | 310    | 300    |        | 310    |        |        | 300    | 310   | 3652   |
|         | MEAN       | 29,3642 | 9.3172       | 9.3402        | 9.2512 | 9.2302 | 9.1292 | 9.1272 | 9.1362 | 9.1512 | 9.0912 | 9.2022 | 9.263 | 29.216 |
| 11      | S D        | .315    | .335         | 299           | .282   | .236   | .197   | 187    | .215   | . 258  | 329    | . 339  | .337  | 29     |
|         | TOTAL OBS  | 310     | 282          | 310           | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    |       |        |
|         | MEAN       | 29.3572 | 9.3092       | 9.3302        | 9.2422 | 9.2182 | 9.1192 | 9.1182 | 9.1282 | 9.1412 | 9.0882 | 9.1982 | 9.255 | 29.208 |
| 14      | 5 D        | .316    | 334          | 294           | .279   | .231   | 193    | 184    | 208    | .255   | . 323  | 333    | 339   | . 292  |
| -       | TOTAL OBS  | 310     | 282          | 310           | 300    | 310    | 300    | 310    | 310    | 300    | 310    | 300    | 310   |        |
| +       | MEAN       | 29,3654 | 9.3112       | 9.3252        | 9.2392 | 9.2092 | 9.1112 | 9.1082 | 9.1232 | 9.1422 | 9.0942 | 9.2042 | 9.262 | 29.20  |
| 17      | S D        |         |              |               |        | .226   |        |        |        |        |        |        |       |        |
|         | TOTAL OBS  |         | 282          | 310           | 300    | 310    | 300    | 310    | 310    | 300    |        | 300    |       |        |
|         | MEAN       | 29.3582 | 9.3072       | 9.3262        | 9.2422 | 9.2132 | 9.1112 | 9.1082 | 9.1272 | 9.1462 | 9-0952 | 9.2012 | 9.256 | 29.201 |
| 20      | 5 D        | .314    | .335         | .286          | .268   | .222   | .185   | .161   | 197    | 247    | 318    | .330   | 333   |        |
|         | . TOTAL OB | 310     | 282          | 310           | 300    | 310    | 300    | 310    | 310    | 300    |        |        | 310   |        |
| -       | MEAN -     | 29,3562 | 9.3052       | 9.3242        | 9.2482 | 9.2272 | 9.1222 | 9.1162 | 9.1322 | 9.1472 | 9.0932 | 9.2002 | 9.258 | 29.210 |
| 2.3     | S D        |         |              |               |        | .224   |        |        | .201   |        |        | .331   | - ·   | 289    |
|         | TOTAL OBS  |         |              | 310           |        |        |        |        | 310    |        |        | 300    | 310   | 3652   |
|         | MEAN       | 29.3582 | 9.3102       | 9.3302        | 9.2472 | 9.2262 | 9.1242 | 9.1192 | 9.1322 | 9.1472 | 9.0902 | 9.1982 | 9,259 | 29.211 |
| HOURS   | 5 D        | 315     | .334         | .294          | .275   | .229   | .193   | .185   | .207   | .253   | .321   | .334   | .333  | . 291  |
|         | TOTAL OBS  | 2479    | 2256         | 2480          | 2400   | 2480   | 2400   | 2480   | 2480   | 2400   | 2480   | 2400   |       | 2921   |

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#### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

26102 FIRT SMITH NWT DOT APT

57=66

| ORS LST      |           | JAN     | F E 8   | MAR      | APR   | MAY     | JUN    | JUL     | AUG     | SEP     | ОСТ    | NOV     | DEC   | ANNUAL |
|--------------|-----------|---------|---------|----------|-------|---------|--------|---------|---------|---------|--------|---------|-------|--------|
|              | MEAN      | 1021.41 | 019.6   | 1019.81  | 016.3 | 1015.2  | 1011.5 | 1010.9  | 1011.6  | 1012.41 | 010-71 | 1015.21 | 018.0 | 1015.  |
| 0.2          | 5 D       | 11.3071 | 1.900   | 10.689   | 9.721 | 7.957   | 6.960  | 6.524   | 7.274   | 8.9701  | 1.0531 | 12.0811 | 1.680 | 10.51  |
|              | 1014L OBS | 310.    |         | 31a      | 300   | 310     | 300    | 310     | 310     | 300     | 310    | 300     | 310   | 365    |
|              |           |         |         |          |       |         |        |         |         |         |        |         |       |        |
| 05           | MEAN      | 1021.41 | 019.6   | 1019.91  | 016.5 | 1015.5  | C11.7  | 1011.2  | 1011.7  | 1012.51 | 010.71 | 1015.01 | 017.9 | 1015.  |
|              | 5 D       | 11.2351 | 1.914   | 10.675   | 9,843 | 8.093   | 7.034  | 6,638   | 7.454   | 9.0431  | 1.208  | 2.1241  | 1.737 | 10.55  |
|              | TOTAL OBS |         | 282     |          |       |         |        |         |         |         |        | 300     |       | 365    |
|              |           |         |         |          |       |         |        |         |         |         |        |         |       |        |
| 08           | MEAN      | 1021.51 | 019.8   | 1020.31  | 016.6 | 1015.6  | 1011.7 | 1011.3  | 1011.8  | 1012.71 | 010.81 | 1015.11 | 017.7 | 1015.  |
|              | 5 D       | 11.2071 | 1.884   | 10.695   | 9,958 | 8.208   | 6.996  | 6.642   | 7.607   | 9.1501  | 1.4191 | 12.1061 | 1.869 | 10.61  |
|              | TOTAL OBS | 310     | 282     | 310      | 300   | 310     | 300    | 310     | 310     | 300     | 310    | 300     | 310.  | 365    |
|              |           |         |         |          | :     |         |        |         |         |         |        |         |       |        |
|              | MEAN      | 1021.81 | .019.91 | 1050.51  | 016.5 | 1015.21 | 1011.4 | 1011.2  | 1011.7  | 1012.61 | 010.81 | 1015.41 | 018.0 | 1015.  |
| 11           | S D       | 11.2591 |         |          |       |         |        |         |         |         |        |         |       | 10.67  |
|              | TOTAL OBS | 310.    | 752     |          | 300   | 310     | 300    | 310     | 310     | 300     | 310    | 300     | 310.  | 365    |
|              |           |         |         |          |       |         |        |         |         |         |        |         |       |        |
| • 4          | MEAN      | 1021.51 |         |          |       |         |        |         |         |         |        |         |       | 1015   |
| 14           | S D       | 11.2971 | 1,009   | 10.483   | 7,852 | 5.000   | 0,/30  | 5,474   | 7.290   | 8.9231  | 1.327  | [1.883] | 2.075 | 10.55  |
|              |           | 310     | . 202   | . 210    |       | 210     | 200    |         | 310.    |         | 310    |         | 210.  | 365    |
|              | MEAN      | 1021.81 | 419.71  | LA19 71  | 214 1 | 1014.51 | 010.8  | 1010 5  | 1011 21 | 012 21  | 010 01 | 015 51  |       | 1015.  |
| 17           | S D       | 11.2961 |         |          |       |         |        |         |         |         |        |         |       | 10.46  |
| •            | 101AL 085 |         |         |          |       |         |        |         |         |         |        | 300     |       |        |
|              |           | 214.    |         | . Z & M. | 200   |         | -90    |         |         | 244.    | 210.   |         |       |        |
|              | MEAN      | 1021.51 | 019.7   | 1019.91  | 016.2 | 1014.61 | 010.7  | 1010-41 | 1011-41 | 012.51  | 011.01 | 015.41  | 017.8 | 1015.  |
| 20           | S D       | 11.2641 | 1.961   | 10.249   | 9.510 | 7.750   | 6.450  | 6.337   | 6.907   | 8.7211  | 1.1451 | 7491    | 1.891 |        |
|              | TOTAL OBS | 310     | 252     | 310      | 300   | 310     | 300    | 310     | 310     | 300     | 310    | 300     | 310   | 365    |
|              |           |         |         |          |       |         |        |         |         |         |        |         |       |        |
| -            | MEAN      | 1021.51 | 019.5   | 1019.71  | 016.4 | 1015.1  | 1011.2 | 1010.8  | 1011.6  | 1012.41 | 010.91 | 1015.31 | 017.9 | 1015.  |
| 23           | 5 D       | 11.3231 |         |          |       |         |        |         |         |         |        |         |       | 10.44  |
|              | TOTAL OBS |         | 282     |          |       |         |        |         |         | 300     |        |         | 310.  | 365    |
|              |           |         |         |          |       |         |        |         |         |         |        |         |       |        |
| ALL<br>HOURS | MEAN      | 1021.61 |         |          |       |         |        |         |         |         |        |         |       | 1015.  |
|              | 5 0       | 11.2591 |         |          |       |         |        |         |         |         |        |         |       | 10.53  |
|              | TOTAL OBS | 2479    | 2256    | 2480     | 2400  | 2480    | 2400   | 2480    | 2480    | 2400    | 2480   | 2400    | 2480  | 2921   |

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